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EC01-872 Nebraska Crop Budgets 2001

ROGER SELLEY

University of Nebraska-Lincoln, RSELLEY1@UNL.EDU

Tina N. Barrett

University of Nebraska-Lincoln, tbarrett2@unl.edu

Richard T. Clark

University of Nebraska - Lincoln, rclark3@unl.edu

Robert N. Klein

University of Nebraska - Lincoln, robert.klein@unl.edu

Steve Melvin

University of Nebraska-Lincoln, smelvin1@unl.edu

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NEBRASKA

CROP BUDGETS

2001

BY

University of Nebraska-Lincoln

Roger A. Selley, Editor

Tina Barrett, co-editor

Richard T. Clark

Robert N. Klein

Steve Melvin



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Crop Budgets

Nebraska - 2001

Edited by

Roger Selley
Extension Farm Management Specialist
Tina Barrett, co-editor

Staff who can be contacted to answer questions are:

Roger Selley 402/762-3535
Extension Farm Management Specialist
South Central Research and Extension Center, Clay Center, Ne

Richard T. Clark 308/532- 3611 Ext. 134
Extension Farm Management Specialist
West Central Research and Extension Center, North Platte, NE

Robert N. Klein 308/532-3611 Ext. 144
Extension Cropping Systems Specialist
West Central Research and Extension Center, North Platte, NE

Dillon Fuez 308/632-1232
Extension Farm Management Specialist
Panhandle Research and Extension Center, Scottsbluff, NE

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2001 Crop Budgeting Procedure

A list of representative field operations and materials is provided as a reminder of items typically involved in producing the crop. The budgets are presented in a worksheet format with a "Your Estimate" column for recording modifications in costs.

Labor costs for each operation were calculated from machinery accomplishment rates and adjusted for additional time required for getting machinery ready, adjusting machinery, and handling fertilizer and other supplies. Some operations are budgeted to cover completion multiple times, for example, swathing the several cuttings of hay. The labor and equipment costs shown are the estimated cost for completing the operation the number of times indicated in the "Times or Qty" column. If the operation is completed on only part of the acres or part of the time, the "Times or Qty" is shown in italics. Where the operation involves a unit other than acres, for example tons or AI (acre inches), the budgeted costs are for the total quantity indicated in the "Times or Qty" column.

Labor is budgeted at \$10 per hour, diesel fuel at \$1 per gallon, and electricity at 5 cents per KWH. These prices were selected to make adjustments in labor and energy costs easier.

Estimating labor and equipment costs requires assumptions about the size of the equipment. Costing factors, based on information in the *Agricultural Engineer's Yearbook* specify repair rates and trade-in values as a proportion of list prices. Equipment prices for summer 2000 were used. Representative discounts from list were used to determine purchase costs. The amount each machine was used annually and the years-to-trade then determines hourly repair costs and average annual depreciation and investment. The resulting machinery cost estimates are averages over the years of use.

Irrigation costs were calculated using engineering performance standards and typical water application rates but depend on the rainfall area. Power costs for irrigation refer to the pump and power unit and implement costs are for the delivery system (pipe or pivot). Deprecation and interest for the well are budgeted with land costs.

Materials and services may also be applied on part of the acres, e.g. 20% of the acres in that year, or part of the time, e.g. 1 year in 5. If less than 100% of the acres are treated, the percent acres is shown in italics in the "Acres" column under the Materials and Services Section. The operation number in the Materials and Services section indicates the field operation in the Field Operations section. The cost for each material/service is computed by multiplying the percentage acres times the quantity/acre times the price/unit.

Herbicide and insecticide treatments budgeted are generally one of several materials that could be used. The target pests for insecticide treatments budgeted are:

Crop	Target Pests
Alfalfa	Alfalfa weevil, potato leaf loopers, and army cut worm (west of Kearney)
Corn	Corn rootworm following corn, first and second brood European Corn Borer, western bean cut worm, spider mites, and black cut worm (east of Kearney)
Dry beans	Mexican bean beetle
Grain sorghum	Greenbugs
Soybeans	Bean leaf beetle and other defoliating insects
Sugarbeets	Sugarbeet root maggot
Sunflowers	Sunflower head moth
Wheat	Russian wheat aphid

Operating capital interest is calculated on cash expense which includes the cost of materials and services plus the field operations cost excluding depreciation. Overheads are budgeted to cover business costs not directly related to field operations. Management is also budgeted to provide a return to management and to cover management costs such as scouting and crop insurance. Eight percent of historical revenue levels was budgeted as a management fee.

Machinery and land ownership costs are budgeted to provide a return to (or interest on) investment and to cover property taxes and insurance (and housing for machinery). The interest on investment is calculated using a representative market rate of interest less the expected rate of inflation (the real rate of interest). Land costs and yields have been specified in each budget but will depend upon rainfall and soil productivity. A cash rent would substitute for the real estate taxes and interest on land and interest and depreciation for improvements (irrigation wells) and depreciation and repairs of any irrigation equipment provided by the landlord. Establishment costs for perennial forages are spread over the expected life of the stand.

Space is provided to estimate the value of production plus farm program payments. Any net revenue would be an additional return to labor, management, and investment capital.

Related publications available at your local Extension office:

CC 371	Estimated Irrigation Costs
EC 823	Nebraska Farm Custom Rates—Part I
EC 826	Nebraska Farm Custom Rates—Part II
EC 818	Nebraska Livestock Budgets
EC 809	Nebraska Farm Real Estate Market Developments
EC 883	Crop and Livestock Prices for Nebraska Producers
EC 130	Guide for Weed Management in Nebraska

2001 Machinery Ownership And Operation Costs

Operation	Unit	\$ Cost per Acre									Equipment Pwr Bot	Pwr to Trade			Imp to Trade					
		Labor	Fuel& Lube	Repairs Power	Impl	Deprec Power	Impl	THII@ Power	6.5% Impl	Total		Hrs /yr	% Life	Imp Bot	Yrs	Ann'l use	% Life			
Primary Tillage																				
Chisel	1 ac	\$0.98	\$0.75	\$0.14	\$0.45	\$0.80	\$0.60	\$0.79	\$0.72	\$5.23	130HP	19FT	New	15	400	38%	New	20	760 ac	73%
Chisel	1 ac	0.98	0.75	0.25	0.45	0.46	0.60	0.45	0.72	4.66	130HP	19FT	New	15	700	66%	New	20	760 ac	73%
Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	0.80	0.65	5.70	130HP	21FT	New	15	400	38%	New	15	1,260 ac	93%
Disc	1 ac	1.00	0.76	0.25	0.76	0.47	0.78	0.46	0.65	5.12	130HP	21FT	New	15	700	66%	New	15	1,260 ac	93%
Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	0.40	0.28	2.61	130HP	28FT	New	15	400	38%	New	15	2,380 ac	88%
Field Cult	1 ac	0.51	0.38	0.13	0.28	0.24	0.28	0.23	0.28	2.32	130HP	28FT	New	15	700	66%	New	15	2,380 ac	88%
Plow	1 ac	1.65	1.25	0.50	1.91	1.04	1.22	0.86	1.20	9.63	160HP	8-18	New	15	700	66%	New	15	800 ac	97%
Subsoil	1 ac	1.32	1.00	0.51	0.14	1.05	0.96	0.87	1.10	6.95	200HP	12.5FT	New	15	700	66%	New	20	200 ac	26%
Disk ripper	1 ac	1.58	1.35	0.61	0.50	1.26	2.90	1.04	2.69	11.94	200HP	12.5FT	New	15	700	66%	New	20	300 ac	47%
Seed Bed Preparation																				
Fallow Master	1 ac	0.51	0.41	0.19	0.32	0.40	0.69	0.33	0.78	3.63	200HP	28FT	New	15	700	66%	New	20	1,200 ac	59%
Harrow	1 ac	0.59	0.11	0.09	0.07	0.04	0.25	0.11	0.38	1.64	60HP	24FT	Used	10	200	77%	New	30	500 ac	43%
Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	0.37	0.85	4.48	130HP	24FT	New	15	700	66%	New	20	800 ac	65%
Roll	1 ac	1.10	0.55	0.21	0.27	0.09	1.63	0.26	1.93	6.04	75HP	15FT	Used	10	200	77%	New	30	300 ac	49%
Roller Harrow	1 ac	1.38	0.49	0.21	0.41	0.09	0.55	0.26	0.53	3.91	60HP	12FT	Used	10	200	77%	New	20	720 ac	97%
Application of Fertilizers and Chemicals																				
Anhy Apply	1 ac	1.04	0.73	0.31	Incl	0.64	Incl	0.53	Incl	3.25	200HP	Incl	New	15	700	66%				
Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	0.99	0.78	7.08	160HP	22.5FT	New	15	400	38%	New	12	800 ac	84%
Anhy Apply	1 ac	1.05	0.61	0.31	1.03	0.64	0.99	0.53	1.09	6.25	200HP	30FT	New	15	700	66%	New	15	800 ac	79%
Anhy Apply(attach)	1 ac	0.27			0.10		0.10		0.09	0.55		22.5FT					New	12	800 ac	84%
Anhy Apply(attach)	1 ac	0.16			0.10		0.10		0.09	0.44		22.5FT					New	12	800 ac	84%
Apply Nemat	1 ac										Custom									
Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	0.07	0.11	1.09	60HP	50FT	Used	10	200	77%	New	15	2,500 ac	98%
Spray	1 ac										Custom									
Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	0.12	0.18	1.70	60HP	30FT	Used	10	200	77%	New	15	1,200 ac	78%
Spray(attached)	1 ac	0.16			0.15		0.16		0.18	0.65		30FT					New	15	1,200 ac	78%
Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	0.12	Incl	1.32	60HP	Incl	Used	10	200	77%				
Planting																				
Drill	1 ac	0.68	0.47	0.09	1.13	0.51	1.42	0.50	1.83	6.62	130HP	35FT	New	15	400	38%	New	20	1,000 ac	82%
No-Till Drill	1 ac	1.59	0.90	0.21	2.08	1.18	1.88	1.16	2.42	11.44	130HP	15FT	New	15	400	38%	New	20	500 ac	95%
Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	0.33	2.27	8.62	75HP	16FT	Used	10	200	77%	New	20	500 ac	89%
Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	1.28	1.51	9.03	130HP	6-30	New	15	400	38%	New	8	500 ac	42%
Plant	1 ac	1.82	0.46	0.40	0.50	0.75	1.92	0.73	1.51	8.09	130HP	6-30	New	15	700	66%	New	8	500 ac	42%
Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	1.42	1.83	10.73	130HP	6-30	New	15	400	38%	New	12	500 ac	70%
Plant No-Till	1 ac	2.03	0.63	0.45	1.25	0.83	1.86	0.81	1.83	9.70	130HP	6-30	New	15	700	66%	New	12	500 ac	70%
Ridge Plant	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	1.42	1.83	10.73	130HP	6-30	New	15	400	38%	New	12	500 ac	70%
Seeder/Packer	1 ac	2.22	0.87	0.31	Rent	0.13	Rent	0.38	Rent	3.91	60HP	Rent	Used	10	200	77%				
Grass Drill	1 ac	2.22	0.87	0.31	Rent	0.13	Rent	0.38	Rent	3.91	60HP	Rent	Used	10	200	77%				
Row Crop Tillage																				
Hoe	1 ac	0.66	0.23	0.09	0.06	0.54	0.33	0.53	0.32	2.75	130HP	15FT	New	15	400	38%	New	20	500 ac	32%
Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	1.32	0.53	7.02	130HP	6-30	New	15	400	38%	New	15	750 ac	91%
Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	0.78	0.27	4.61	105HP	6-30	Used	20	200	70%	New	15	750 ac	91%

THII = Taxes, Housing, Interest, Insurance

2001 Machinery Ownership And Operation Costs

Operation	Unit	\$ Cost per Acre									Equipment Pwr Imp	Pwr to Trade			Imp to Trade					
		Labor	Fuel& Lube	Repairs Power Impl	Deprec Power Impl	THII@ Power Impl	6.5% Power Impl	Total	Pwr Bot Yrs	Hrs /yr		% Life	Imp Bot Yrs	Ann'l use	% Life					
Irrigation																				
Corrigate	1 ac	\$1.55	\$0.63	\$0.27	\$0.07	\$0.40	\$0.31	\$0.62	\$0.47	\$4.33	105HP	15FT	Used	20	200	70%	New	30	200 ac	39%
Ditch	1 ac	2.28	1.11	0.28	0.14	1.58	0.58	1.55	0.69	8.20	130HP	Ditch	New	15	400	38%	New	30	200 ac	57%
Labor																				
Thin	1 ac										Labor									
Weed	1 ac										Labor									
PreHarvest																				
Cut Dry Beans	1 ac	1.80	0.94	0.42	0.48	0.77	1.21	0.75	1.43	7.80	130HP	15FT	New	15	700	66%	New	30	300 ac	73%
Top Beets	1 ac	1.88	0.68	0.48	1.17	0.89	2.63	0.87	2.53	11.14	130HP	6ROW	New	15	700	66%	New	20	300 ac	94%
Lift Beets	1 ac	2.13	1.21	0.49	8.78	0.92	6.24	0.89	4.62	25.28	130HP	6ROW	New	15	700	66%	New	12	600 ac	92%
Turn Windrows	1 ac	0.88	0.17	0.14	0.07	0.06	0.60	0.17	0.56	2.64	60HP	9FT	Used	10	200	77%	New	20	300 ac	25%
Rod Dry Beans	1 ac	1.94	0.94	0.42	0.28	0.77	0.56	0.75	0.66	6.33	130HP	15FT	New	15	700	66%	New	30	300 ac	73%
Swath/Cond Hay	1 ac	1.23	0.62	0.26	0.93	0.38	1.05	0.59	0.95	6.01	105HP	14FT	Used	20	200	70%	New	20	1,000 ac	98%
Windrow Grain	1 ac	1.15	0.35	0.20	0.06	0.30	0.88	0.46	0.82	4.22	105HP	18FT	Used	20	200	70%	New	20	500 ac	32%
Pickett Windrower	1 ac	1.55	0.88	0.40	0.95	0.83	2.60	0.69	3.08	10.98	160HP	15FT	New	15	700	66%	New	30	300 ac	58%
Harvesting																				
Sm Sq Bale	1 ton	2.55	0.44	0.36	1.26	0.15	2.51	0.44	3.06	10.77	60HP	50Lb	Used	10	200	77%	New	30	200 ton	69%
Lg Rd Bale	1 ton	0.82	0.22	0.11	0.23	0.61	1.74	0.60	1.68	6.01	130HP	1500Lb	New	15	400	38%	New	20	300 ton	30%
Lg Sq Bale	1 ton	0.68	0.39	0.11	0.74	0.68	1.44	0.58	1.76	6.38	160HP	1350Lb	New	15	400	38%	New	30	1,200 ton	74%
Lg Sq Bale	1 ton										Custom									
Combine	1 ac	1.94	1.56	1.95	0.15	7.99	0.44	4.70	0.36	19.09	190HP	Pickup	New	10	200	67%	New	20	750 ac	87%
Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	3.69	0.78	16.25	190HP	G20FT	New	10	200	67%	New	20	500 ac	46%
Combine	1 ac	1.52	1.46	1.60	0.09	6.53	0.91	3.84	0.78	16.72	220HP	G20FT	New	10	200	67%	New	20	500 ac	46%
Combine	1 ac	0.97	1.16	1.16	0.16	4.73	0.69	2.78	0.58	12.22	275HP	G30FT	New	10	200	67%	New	20	1,200 ac	70%
Combine dryland	1 ac	2.02	1.94	2.03	0.85	8.32	1.76	4.89	1.25	23.07	190HP	6-30	New	10	200	67%	New	15	800 ac	95%
Combine irrig	1 ac	2.64	2.54	2.66	0.85	10.90	1.76	6.41	1.25	29.01	190HP	6-30	New	10	200	67%	New	15	800 ac	95%
Combine	1 ac	1.94	1.86	1.95	0.34	7.99	0.79	4.70	0.65	20.22	190HP	15'Flex	New	10	200	67%	New	20	800 ac	93%
Chop Silage	1 ac										Custom									
Handling																				
Auger	100 bu	0.36	0.06	0.05	0.05	0.02	0.13	0.06	0.13	0.86	60HP	10"	Used	10	200	77%	New	20	200 bu000	61%
Cart	100 bu	0.46	0.30	0.07	0.22	0.42	0.39	0.36	0.36	2.57	160HP	750BU	New	15	400	38%	New	20	200 bu000	76%
Dry	1 bu										Custom									
Gravity wagon	100 bu				0.04		0.06		0.07	0.17		240BU					New	30	200 bu000	80%
Stack Sm Sq	1 ton	3.20	0.52	0.42	0.24	0.17	0.33	0.51	0.40	5.79	60HP	Wagon	Used	10	200	77%	New	30	300 ton	80%
Load Lg Sq	1 ton	1.20	0.44	0.18	0.04	1.11	0.65	0.94	0.60	5.16	160HP	Loader	New	15	400	38%	New	20	450 ton	17%
Move Lg Rd	1 ton	0.89	0.33	0.11	0.01	0.61	0.05	0.60	0.06	2.67	130HP	Fork	New	15	400	38%	New	30	200 ton	22%
Truck	1 bu										Custom									
Truck	1 cwt										Custom									
Truck	1 ton										Custom									
Miscellaneous																				
Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	0.60	0.50	3.94	130HP	20FT	New	15	400	38%	New	20	800 ac	98%
Pack Silage	1 ton	0.30	0.11	0.04	0.04	0.28	0.65	0.24	0.60	2.25	160HP	Loader	New	15	400	38%	New	20	450 ton	17%

THII = Taxes, Housing, Interest, Insurance

Prices Used for 2001 Crop Budgets

Item	Price Quote	Conversion	Budget Price/unit	
Custom Operation Rates				
Aerial Spray	\$4.50 /ac	1 ac	\$4.50 /ac	
Apply Anhy N/Coulters	7.00 /ac	1 ac	7.00 /ac	
Bale L R 1500 lb	7.00 /bale	1 bale	7.00 /bale	
Bale L Sq 1350 lb	12.00 /bale	1 bale	12.00 /bale	
Bale Sm Sq 50 lb	0.40 /bale	1 bale	0.40 /bale	
Broadcast Spreader	4.00 /ac	1 ac	4.00 /ac	
Chisel plow	10.00 /ac	1 ac	10.00 /ac	
Chop	3.00 /ton	1 ton	3.00 /ton	
Combine	20.00 /ac	1 ac	20.00 /ac	
Cultivate	7.00 /ac	1 ac	7.00 /ac	
Disk Primary	7.00 /ac	1 ac	7.00 /ac	
Disk Secondary	6.00 /ac	1 ac	6.00 /ac	
Drill No-Till	10.00 /ac	1 ac	10.00 /ac	
Drill Sm Grain	8.00 /ac	1 ac	8.00 /ac	
Drill Soybeans	10.00 /ac	1 ac	10.00 /ac	
Dry 4 Points Removed	0.12 /bu	1 bu	0.12 /bu	
Field Cultivate	8.00 /ac	1 ac	8.00 /ac	
Haul Beets	3.00 /ton	1 ton	3.00 /ton	
Haul Grain bu	0.08 /bu	1 bu	0.08 /bu	
Haul Grain cwt	0.14 /cwt	1 cwt	0.14 /cwt	
Haul Silage	2.00 /ton	1 ton	2.00 /ton	
Move Bales L R	2.00 /bale	1 bale	2.00 /bale	
Move Bales Sm Sq	0.25 /bale	1 bale	0.25 /bale	
Nemat Application	15.00 /ac	1 ac	15.00 /ac	
Plant No-Till Row Crop	10.50 /ac	1 ac	10.50 /ac	
Plant Row Crop	10.50 /ac	1 ac	10.50 /ac	
Soil Test	15.00 /test	1 Test	15.00 /Test	
Spray	4.00 /ac	1 ac	4.00 /ac	
Spray	4.00 /ac	1 ac	4.00 /ac	
Swath/Crimp Hay	8.00 /ac	1 ac	8.00 /ac	
Windrow Grain	8.00 /ac	1 ac	8.00 /ac	
Fertilizers				
0-0-22-22s-11mg	Potass Sulphate	\$199.50 /ton	2,000 lb	\$0.10 /lb
0-46-0	Triple Super Phosphate	270.00 /ton	920 lb P205	0.29 /lb P205
10-0-0-10Z	Zinc Ammonium Acetate	400.00 /ton	192.4 gal	2.08 /gal
10-34-0	Liquid Mix	228.60 /ton	175.6 gal	1.30 /gal
10-34-0-1z	Liquid Mix	291.63 /ton	176.5 gal	1.65 /gal
18-46-0	Di Ammonium Phosphate	267.00 /ton	2,000 lb	0.13 /lb
28-0-0	Liquid N	148.00 /ton	560 lb N	0.26 /lb N
30-10-0	Dry Mix	239.50 /ton	2,000 lb	0.12 /lb
46-0-0	Urea	220.00 /ton	920 lb N	0.24 /lb N
82-0-0	Anhy Ammonia	335.00 /ton	1,640 lb N	0.20 /lb N
90 %Sulfur	Sulfur	356.67 /ton	1,800 lb S	0.20 /lb S
Fungicide				
Supertin		1.91 /lb	16 oz	0.12 /oz
Tilt		2.55 /oz	1 oz	2.55 /oz
Herbicide				
2,4-D Amine		11.65 /gal	8 pt	1.46 /pt
2,4-D Ester		14.26 /gal	8 pt	1.78 /pt
21-0-0-26s	Spray Grade Ammon Sulfate	0.17 /lb	1 lb	0.17 /lb
AATrex 4L		11.54 /gal	4 qt	2.89 /qt
Accent Gold		7.84 /oz	1 oz	7.84 /oz
Ally		23.56 /oz	1 oz	23.56 /oz
Amber		10.40 /oz	1 oz	10.40 /oz
Assure II		133.28 /gal	128 oz	1.04 /oz
Atrazine 4L		3.57 /qt	1 qt	3.57 /qt
Atrazine DF		2.45 /lb	1 lb	2.45 /lb
Authority		3.28 /oz	1 oz	3.28 /oz

Prices Used for 2001 Crop Budgets

Item	Price Quote	Conversion	Budget Price/unit
Herbicide			
Axiom	18.33 /lb	16 oz	1.15 /oz
Balan	16.00 /gal	4 qt	4.00 /qt
Balance	9.66 /oz	1 oz	9.66 /oz
Banvel	90.02 /gal	128 oz	0.70 /oz
Basagran	77.19 /gal	8 pt	9.65 /pt
Basis	19.48 /oz	1 oz	19.48 /oz
Basis Gold	20.41 /lb	16 oz	1.28 /oz
Beacon	27.22 /oz	1 oz	27.22 /oz
Betamix	109.00 /gal	8 pt	13.63 /pt
Betamix 1.3EC	109.00 /gal	8 pt	13.63 /pt
Bicep II Magnum	40.05 /gal	4 qt	10.01 /qt
Bicep Lite II Magnum	55.38 /gal	4 qt	13.85 /qt
Bicep Magnum TR	48.00 /gal	4 qt	12.00 /qt
Blazer	68.10 /gal	8 pt	8.51 /pt
Boundary	79.49 /gal	8 pt	9.94 /pt
Buctril	58.82 /gal	8 pt	7.35 /pt
Bullet	19.71 /gal	4 qt	4.93 /qt
Butyrac 200	36.77 /gal	4 qt	9.19 /qt
Canopy XI	2.49 /oz	1 oz	2.49 /oz
Celebrity	55.54 /oz	1 oz	55.54 /oz
Classic	12.02 /oz	1 oz	12.02 /oz
Cobra	135.00 /gal	128 oz	1.05 /oz
Commence	54.92 /gal	8 pt	6.87 /pt
Contour	101.68 /gal	8 pt	12.71 /pt
Curtail M	38.73 /gal	8 pt	4.84 /pt
Detail	74.66 /gal	4 qt	18.67 /qt
Diquat	89.22 /gal	8 pt	11.15 /pt
Distinct	33.33 /lb	16 oz	2.08 /oz
Domain	13.67 /lb	1 oz	13.67 /oz
Dual II Magnum	113.24 /gal	8 pt	14.16 /pt
Eptam	33.49 /gal	8 pt	4.19 /pt
Eptam 20 G	1.08 /lb	1 lb	1.08 /lb
Eptam 7 E	33.49 /gal	8 pt	4.19 /pt
Exceed	11.72 /oz	1 oz	11.72 /oz
Fieldmaster	25.67 /gal	4 qt	6.42 /qt
First Rate	25.97 /oz	1 oz	25.97 /oz
Freedom	12.38 /gal	4 qt	3.10 /qt
Frontier	86.78 /gal	128 oz	0.68 /oz
Fultime	28.22 /gal	4 qt	7.06 /qt
Fusion	141.00 /gal	128 oz	1.10 /oz
Galaxy	64.95 /gal	8 pt	8.12 /pt
Gramoxone Extra	32.08 /gal	8 pt	4.01 /pt
Guardsman	38.62 /gal	8 pt	4.83 /pt
Harness	76.03 /gal	8 pt	9.50 /pt
Harness Xtra	46.79 /gal	4 qt	11.70 /qt
Hornet	65.78 /lb	16 oz	4.11 /oz
Laddok S-12	45.50 /gal	8 pt	5.69 /pt
Landmaster BW	19.00 /gal	128 oz	0.15 /oz
Lariat	19.52 /gal	4 qt	4.88 /qt
Lasso	23.40 /gal	4 qt	5.85 /qt
Lasso II 15 G	0.99 /lb	1 lb	0.99 /lb
Leadoff	38.10 /gal	8 pt	4.76 /pt
Lexone	20.10 /lb	1 lb	20.10 /lb
Liberty	108.42 /gal	128 oz	0.85 /oz
Liberty ATZ	68.99 /gal	128 oz	0.54 /oz
Lightning	14.25 /oz	1 oz	14.25 /oz

Prices Used for 2001 Crop Budgets

Item	Price Quote	Conversion	Budget Price/unit
Herbicide			
Marksman	28.90 /gal	8 pt	3.61 /pt
Maverick	15.48 /oz	1 oz	15.48 /oz
MCPA	14.72 /gal	4 qt	3.68 /qt
Micro-Tech	24.77 /gal	4 qt	6.19 /qt
Northstar	2.28 /oz	1 oz	2.28 /oz
Nortron SC	188.60 /gal	8 pt	23.58 /pt
Oil Concentrate	4.50 /gal	8 pt	0.56 /pt
Paramount	3.48 /oz	1 oz	3.48 /oz
Partner	3.94 /lb	1 lb	3.94 /lb
Peak	11.31 /oz	1 oz	11.31 /oz
Permit	14.75 /oz	1 oz	14.75 /oz
Poast	69.60 /gal	8 pt	8.70 /pt
Poast Plus	53.05 /gal	8 pt	6.63 /pt
Progress	126.50 /gal	8 pt	15.81 /pt
Prowl 3.3EC	22.87 /gal	8 pt	2.86 /pt
Pursuit DG	168.35 /lb	128 oz	1.32 /oz
Pursuit Plus	46.32 /gal	8 pt	5.79 /pt
Python	9.27 /oz	1 oz	9.27 /oz
Raptor	3.94 /oz	1 oz	3.94 /oz
Rave	1.54 /oz	1 oz	1.54 /oz
Reflex	88.78 /gal	8 pt	11.10 /pt
Reliance STS	6.20 /oz	1 oz	6.20 /oz
Resolve SG	3.22 /oz	1 oz	3.22 /oz
Resource	167.00 /gal	128 oz	1.30 /oz
Roundup Ultra	39.41 /gal	8 pt	4.93 /pt
Roundup Ultra Rt	35.50 /gal	128 oz	0.28 /oz
Select	191.00 /gal	128 oz	1.49 /oz
Sinbar 80W	20.41 /lb	1 lb	20.41 /lb
Sonalan	33.08 /gal	8 pt	4.14 /pt
Spirit	11.17 /oz	1 oz	11.17 /oz
Steel	44.89 /gal	8 pt	5.61 /pt
Stellar	202.22 /gal	128 oz	1.58 /oz
Stinger	126.66 /qt	2 pt	63.33 /pt
Surpass	69.30 /gal	8 pt	8.66 /pt
Surpass 100	34.33 /gal	4 qt	8.58 /qt
Synchrony STS	9.26 /oz	1 oz	9.26 /oz
Topnotch	35.33 /gal	4 qt	8.83 /qt
Touchdown 5	51.03 /gal	128 oz	0.40 /oz
Treflan HFP	28.50 /gal	8 pt	3.56 /pt
Turbo	61.41 /gal	8 pt	7.68 /pt
Upbeet	48.41 /oz	1 oz	48.41 /oz
Velpar L	62.20 /lb	16 oz	3.89 /oz
Zorial Rapid 80	16.53 /lb	1 lb	16.53 /lb
Insecticide			
Asana XL	90.00 /gal	128 oz	0.70 /oz
Aztec 2.1 G	1.70 /lb	1 lb	1.70 /lb
Baythroid 2 EC	350.00 /gal	128 oz	2.73 /oz
Capture 2 EC	330.00 /gal	128 oz	2.58 /oz
Counter 20 CR	2.00 /lb	1 lb	2.00 /lb
Cygon	4.06 /pt	1 pt	4.06 /pt
Dimethoate 4 E	30.95 /gal	8 pt	3.87 /pt
Dipel 10G	1.00 /lb	1 lb	1.00 /lb
Dipel ES	4.33 /pt	1 pt	4.33 /pt
Force 3 G	3.35 /lb	1 lb	3.35 /lb
Furadan 4 F	57.00 /gal	8 pt	7.13 /pt
Lorsban 15 G	1.25 /lb	1 lb	1.25 /lb

Prices Used for 2001 Crop Budgets

Item	Price Quote	Conversion	Budget Price/unit
Insecticide			
Lorsban 4 E	33.50 /gal	8 pt	4.19 /pt
PennCap-M	27.90 /gal	8 pt	3.49 /pt
Pounce 3.2 EC	115.00 /gal	128 oz	0.90 /oz
Regent 4 SC	3.50 /oz	1 oz	3.50 /oz
Sulfur Flowable	0.25 /lb	1 lb	0.25 /lb
Telone Nemat	10.50 /gal	1 gal	10.50 /gal
Warrior T	277.00 /gal	128 oz	2.16 /oz
Other			
Connect Charge	25.00 /acre	1 ac	25.00 /ac
Electricity fence/water	1.60 /ac	1 ac	1.60 /ac
Fence/water repairs	2.00 /ac	1 ac	2.00 /ac
Haying	6.50 /hr	1 hr	6.50 /hr
Move Cattle	7.50 /hr	1 hr	7.50 /hr
Rouging	10.00 /ac	1 ac	10.00 /ac
Thinning	15.00 /ac	1 ac	15.00 /ac
Twine Lg Rd	21.00 /ball	44 bale	0.48 /bale
Twine Lg Sq	17.00 /box	50 bale	0.34 /bale
Twine Sm Sq	24.00 /box	600 bale	0.04 /bale
Water Charge	25.00 /ac	1 ac	25.00 /ac
Weeding	15.00 /ac	1 ac	15.00 /ac
Rental			
Alfalfa w/Inoculant	3.00 /lb	1 lb	3.00 /lb
Anhy Applicator	2.50 /ac	1 ac	2.50 /ac
Grass Drill	5.00 /ac	1 ac	5.00 /ac
Seeder-Packer	3.75 /ac	1 ac	3.75 /ac
Seed			
Corn	101.00 /bag	1 bag	101.00 /bag
Corn Bt	121.00 /bag	1 bag	121.00 /bag
Corn RR	115.00 /bag	1 bag	115.00 /bag
Edible Beans	56.00 /cwt	1 cwt	56.00 /cwt
Grass Seed	35.00 /ac	1 ac	35.00 /ac
Kernel Guard Supreme	2.33 /oz	1 oz	2.33 /oz
Millet	50.00 /cwt	100 lb	0.50 /lb
Oats	5.25 /bu	1 bu	5.25 /bu
RR Soybeans	23.00 /bag	1 bag	23.00 /bag
Sorghum	47.50 /bag	50 lb	0.95 /lb
Sorghum Safened	52.00 /bag	50 lb	1.04 /lb
Sorghum Sudan	25.00 /bag	50 lb	0.50 /lb
Soybean	13.00 /bag	1 bag	13.00 /bag
Sugar Beets	39.23 /ac	1 ac	39.23 /ac
Sunflower	140.00 /bag	67 lb	2.10 /lb
Vitavax T-L	36.00 /gal	128 oz	0.28 /oz
Wheat	0.12 /lb	1 lb	0.12 /lb

University of Nebraska 2001 Crop Budget Production Cost Summary

				Cash Op	Mach &	Manage-	Mach-			Total
				Costs incl	Irrig	ment	inery		Estab	
Crop	Description			Yield	Op	System	&Over-	&Irrig	Land	Costs
				Interest	Deprec	heads	THII*			Costs/ac
Forages										
1	Alfalfa	Dryland	Estab Fall Seed		\$68.72	\$5.39	\$3.25	\$6.38		\$83.75
2	Alfalfa	Dryland	Estab spring seed w/herb	2.3 Ton	107.56	12.94	16.37	16.32	65.00	218.19
3	Alfalfa	Pivot	Estab spring seed w/herb	3 Ton	152.77	33.76	21.93	28.17	100.00	336.63
4	Alfalfa	Canal	Estab with oats	2 Ton	146.60	16.53	20.50	17.67	100.00	301.29
5	Alfalfa	Dryland	Large Round	4 Ton	31.08	18.45	25.26	18.70	65.00	16.80
6	Alfalfa	Pivot	Large Square	6 Ton	125.64	52.86	41.38	42.06	100.00	36.00
7	Alfalfa	Canal	Large Square	6 Ton	224.09	18.45	41.38	17.93	100.00	43.60
8	Annual Hay	Dryland	Annually Planted, Large Round	3 Ton	39.89	14.85	14.82	15.42	65.00	149.98
9	Corn Silage	Pivot	Conventional, Continuous	24 Ton	320.75	51.48	42.90	39.59	100.00	554.71
10	Grass	Pivot	Fall Estab		58.90	7.52	21.00	16.74	0.00	104.16
11	Grass Hay	Dryland	Large Round	2 Ton	19.17	7.51	10.82	7.56	30.00	75.06
12	Pasture	Pivot	Grazing	10 AUM	112.97	30.54	21.82	12.04	100.00	4.72
Grains										
13	Corn	Dryland	Conventional, Continuous	85 Bu	121.47	20.30	22.14	16.00	65.00	244.90
14	Corn	Dryland	No-Till, Continous	90 Bu	137.98	15.59	23.08	11.60	65.00	253.26
15	Corn	Dryland	No-Till, After Soybean	95 Bu	115.67	15.63	24.03	11.64	65.00	231.97
16	Corn	Dryland	No-Till, After Wheat	105 Bu	161.03	16.12	25.93	12.32	65.00	280.40
17	Corn	Dryland	Eco-Fallow, After Wheat, 2 Crops in 3 Yr	80 Bu	140.15	15.92	21.19	12.14	45.00	234.39
18	Corn	Gravity	Ridge-Till, Continuous	155 Bu	221.38	36.04	40.88	24.61	100.00	422.90
19	Corn	Pivot	Ridge-Till, Continuous	155 Bu	207.73	44.57	50.41	30.68	100.00	433.38
20	Corn	Pivot	Conventional, Continuous	155 Bu	223.24	44.00	40.41	29.98	100.00	437.63
21	Corn	Pivot	No-Till, After Soybean	160 Bu	203.52	39.76	40.99	26.01	100.00	410.28
22	Dry Beans	Pivot	Conventional	19 Cwt	169.09	31.90	38.20	27.77	100.00	366.96
23	G Sorghum	Dryland	Conventional	95 Bu	75.11	16.51	23.21	13.22	65.00	193.05
24	G Sorghum	Dryland	No-Till	105 Bu	93.20	11.65	22.91	8.93	65.00	201.68
25	G Sorghum	Dryland	Ridge-Till	100 Bu	75.31	17.12	22.06	13.95	65.00	193.44
26	G Sorghum	Dryland	Eco-Fallow, After Wheat, 2 Crops in 3 Yr	90 Bu	109.51	11.41	21.36	9.34	45.00	196.61
27	G Sorghum	Pivot	Conventional, Limited Irrigation	140 Bu	114.57	27.05	30.88	25.58	100.00	298.08

* THII = Taxes, Housing, Interest, Insurance

University of Nebraska 2001 Crop Budget Production Cost Summary

	Crop	Description	Yield	Cash Op Costs incl Op Interest	Mach & Irrig System Deprec	Manage- ment &Over- heads	Mach- inery &Irrig THII*	Land	Estab Costs	Total Costs/ac
28	Proso Millet	Dryland Stubble Mulch Fallow, After Wheat, 2 Crops in 3 Yr	20 Cwt	36.11	13.97	12.02	11.56	45.00		118.66
29	Oats	Dryland Conventional	80 Bu	68.08	15.39	13.41	13.24	65.00		175.11
30	Soybeans	Dryland No-Till, Roundup Ready	40 Bu	77.17	12.60	24.39	9.36	65.00		188.52
31	Soybeans	Dryland Conventional, Roundup Ready	35 Bu	67.54	14.59	22.09	10.73	65.00		179.95
32	Soybeans	Pivot Conventional, Roundup Ready After Corn	55 Bu	97.10	26.82	31.28	22.57	100.00		277.77
33	Soybeans	Pivot Ridge-Till, After Corn	55 Bu	80.91	29.45	30.10	24.39	100.00		264.86
34	Sugar Beets	Canal Conventional	20 Tons	376.65	21.69	80.62	20.20	100.00		599.16
35	Sugar Beets	Pivot One Pass Tillage	20 Tons	334.79	51.70	80.62	34.57	100.00		601.68
36	Sunflower	Dryland No-Till, Following Corn or Grain Sorghum	13 Cwt	64.85	10.80	13.34	8.18	30.00		127.16
37	Sunflower	Dryland Ecofallow, After Wheat, 2 Crops in 3 Yr	15 Cwt	88.92	10.98	14.62	8.45	45.00		167.98
38	Wheat	Dryland No-Till After Row Crop	35 Bu	64.73	10.37	12.98	8.24	65.00		161.32
39	Wheat	Dryland Stubble Mulch Fallow, 1 Crop in 2 Yr	45 Bu	57.38	13.64	15.54	11.96	60.00		158.53
40	Wheat	Dryland Clean-Till Fallow, 1 Crop in 2 Yr	40 Bu	59.54	13.84	14.26	11.90	60.00		159.54
41	Wheat	Dryland Ecofallow Wheat before corn, 2 Crops in 3 Yr	48 Bu	67.94	13.15	16.31	10.82	45.00		153.22
42	Wheat	Pivot Conventional, After Soybeans	80 Bu	130.49	25.48	27.50	21.73	100.00		305.20

* THII = Taxes, Housing, Interest, Insurance

Budget 1
Year 2001

	Times or		Fuel&	Repairs		Deprec		Your
Field operations	Qty	Labor	Lube	Pwr	Imp	Pwr	Imp	Total Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20
2 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25
3 Harrow	1 ac	0.59	0.11	0.09	0.07	0.04	0.25	\$1.15
4 Harrow	1 ac	0.59	0.11	0.09	0.07	0.04	0.25	\$1.15
5 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26
6 Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	\$6.02
Total for Field operations		\$5.28	\$2.35	\$0.90	\$3.10	\$1.42	\$3.97	\$17.02
Materials & Services		Oper						Total
Item		#	Acres	Quantity/ac		Price\$/unit		\$/acre
0-46-0	Fertilizer	1	100%	60 lb P205		0.29 /lb P205		\$17.40
Alfalfa w/Inoculant	Seed	6	100%	12 lb		3.00 /lb		\$36.00
Total Materials & Services								\$53.40
Total listed costs for Field Operations and Materials & Services								\$70.42
Interest on op.capital	\$65 cash expense @			8.5%		8 mo		3.69
Total Operating Costs and Use Related Depreciation								\$74.11
Overheads including accounting, liability insurance, vehicle cost, office expense								3.25
Management including scouting and crop insurance								0.00
Machinery taxes, housing, insurance & interest				\$98 /acre @		6.5%		6.38
Land real estate taxes and interest				\$0 /acre		acres		
Total Costs including overheads								\$83.75
Revenue								
Value of Production	Ton		Alfalfa @	\$	/Ton			
			@	\$	/			
Program Payment	base x	Bu HWY @	\$	/bu x		85%		
Total Revenue								
Net Revenue = Total Revenue - Total Costs including overheads =								

Alfalfa Dryland
 Estab spring seed w/herb
 2.25 Ton/ac Alfalfa

Budget 2
 Year 2001

	Times or		Fuel&	Repairs	Deprec			Your
Field operations	Qty	Labor	Lube	Pwr	Imp	Pwr	Imp	Total Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20
2 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39
3 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25
4 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93
5 Seeder/Packer	1 ac	2.22	0.87	0.31	Rent	0.13	Rent	\$3.53
6 Swath/Cond Hay	2 ac	2.46	1.24	0.52	1.86	0.76	2.10	\$8.94
7 Turn Windrows	0.5 ac	0.44	0.09	0.07	0.04	0.03	0.30	\$0.96
8 Sm Sq Bale	2.25 ton	5.74	0.99	0.81	2.84	0.33	5.64	\$16.34
9 Stack Sm Sq	2.25 ton	7.20	1.17	0.95	0.54	0.38	0.74	\$10.98

Total for Field operations \$21.16 \$5.91 \$3.07 \$6.46 \$2.94 \$10.01 \$49.53

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
0-46-0	Fertilizer	1	100%	60 lb P205	0.29 /lb P205	\$17.40
Treflan HFP	Herbicide	2	100%	1.25 pt	3.56 /pt	\$4.45
Seeder-Packer	Rental	5	100%	1 ac	3.75 /ac	\$3.75
Alfalfa w/Inoculant	Seed	5	100%	12 lb	3.00 /lb	\$36.00
Twine Sm Sq	Other	8	100%	90 bale	0.04 /bale	\$3.60

Total Materials & Services \$65.20

Total listed costs for Field Operations and Materials & Services \$114.73

Interest on op.capital \$102 cash expense @ 8.5% 8 mo 5.77

Total Operating Costs and Use Related Depreciation \$120.50

Overheads including accounting, liability insurance, vehicle cost, office expense 5.09

Management including scouting and crop insurance 11.28

Machinery taxes, housing, insurance & interest \$251 /acre @ 6.5% 16.32

Land real estate taxes and interest \$65 /acre 1.00 acres 65.00

Total Costs including overheads \$218.19

Revenue

Value of Production 2.25 Ton Alfalfa @ \$ /Ton

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Alfalfa Pivot 800 GPM 35PSI
 Estab spring seed w/herb
 3 Ton/ac Alfalfa

12 Acre-inches

Budget 3
 Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20	
2 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
3 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
4 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
5 Seeder/Packer	1 ac	2.22	0.87	0.31	Rent	0.13	Rent	\$3.53	
6 PivotE125' Lift	12 Al	4.00	17.23	2.36	3.77	2.32	13.95	\$43.63	
7 Swath/Cond Hay	2 ac	2.46	1.24	0.52	1.86	0.76	2.10	\$8.94	
8 Turn Windrows	0.5 ac	0.44	0.09	0.07	0.04	0.03	0.30	\$0.96	
9 Lg Sq Bale	3 ton	2.04	1.17	0.33	2.22	2.04	4.32	\$12.12	
10 Load Lg Sq	3 ton	3.60	1.32	0.54	0.12	3.32	1.95	\$10.85	
11 Spray	0.2 ac	0.10	0.02	0.01	0.02	0.00	0.02	\$0.18	
Total for Field operations		\$17.96	\$23.49	\$4.55	\$9.22	\$9.91	\$23.85	\$88.98	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
0-46-0 Fertilizer	1	100%	60 lb P205	0.29 /lb P205	\$17.40
Treflan HFP Herbicide	2	100%	1.25 pt	3.56 /pt	\$4.45
Seeder-Packer Rental	5	100%	1 ac	3.75 /ac	\$3.75
Alfalfa w/inoculant Seed	5	100%	12 lb	3.00 /lb	\$36.00
Connect Charge Other	6	100%	1 ac	25.00 /ac	\$25.00
Twine Lg Sq Other	9	100%	4.4 bale	0.34 /bale	\$1.50
Lorsban 4 E Insecticide	11	20%	1.5 pt	4.19 /pt	\$1.26
Total Materials & Services					\$89.36

Total listed costs for Field Operations and Materials & Services	\$178.34
Interest on op.capital \$145 cash expense @ 8.5% 8 mo	8.19
Total Operating Costs and Use Related Depreciation	\$186.53

Overheads including accounting, liability insurance, vehicle cost, office expense	7.23
Management including scouting and crop insurance	14.70
Machinery taxes, housing, insurance & interest \$278 /acre @ 6.5%	18.07
Irrigation system taxes, insurance & interest \$168 /acre @ 6.0%	10.10
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$336.63

Revenue	
Value of Production 3 Ton Alfalfa @ \$ /Ton	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

Alfalfa Canal Irrigated
Etab with oats

18 Acre-inches

Budget 4
Year 2001

2 Ton/ac Alfalfa

0.75 ton/ac Oats hay	Times or	Labor	Fuel& Lube	Repairs Pwr Imp	Deprec Pwr Imp	Total	Your Estimate
Field operations	Qty						
1 Field Cult	1 ac	0.51	0.38	0.07 0.28	0.41 0.28	\$1.93	
2 Spread,Fert.	1 ac	0.78	0.28	0.10 Incl	0.04 Incl	\$1.20	
3 Roll	1 ac	1.10	0.55	0.21 0.27	0.09 1.63	\$3.85	
4 Drill	1 ac	1.49	0.68	0.27 1.70	0.11 1.77	\$6.02	
5 Corrigan	1 ac	1.55	0.63	0.27 0.07	0.40 0.31	\$3.23	
6 Swath/Cond Hay	2 ac	2.46	1.24	0.52 1.86	0.76 2.10	\$8.94	
7 Turn Windrows	0.5 ac	0.44	0.09	0.07 0.04	0.03 0.30	\$0.96	
8 Lg Rd Bale	2.75 ton	2.26	0.61	0.30 0.63	1.69 4.78	\$10.27	
9 Move Lg Rd	2.75 ton	2.45	0.91	0.30 0.03	1.69 0.15	\$5.52	
10 Ditch Irrig	18 Al	30.60				\$30.60	

Total for Field operations \$43.63 \$5.36 \$2.12 \$4.88 \$5.21 \$11.32 **\$72.51**

Materials & Services		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
0-46-0	Fertilizer	2	100%	60 lb P205	0.29 /lb P205	\$17.40
Alfalfa w/Inoculant	Seed	4	100%	12 lb	3.00 /lb	\$36.00
Oats	Seed	4	100%	0.5 bu	5.25 /bu	\$2.63
Twine Lg Rd	Other	8	100%	3.6 bale	0.48 /bale	\$1.73
Water Charge	Other	10	100%	1 ac	25.00 /ac	\$25.00

Total Materials & Services **\$82.76**

Total listed costs for Field Operations and Materials & Services **\$155.27**

Interest on op.capital \$139 cash expense @ 8.5% 8 mo 7.86

Total Operating Costs and Use Related Depreciation **\$163.13**

Overheads including accounting, liability insurance, vehicle cost, office expense **6.94**

Management including scouting and crop insurance **13.56**

Machinery taxes, housing, insurance & interest \$272 /acre @ 6.5% **17.67**

Irrigation system taxes, insurance & interest /acre @ 6.0%

Land real estate taxes and interest \$100 /acre 1.00 acres **100.00**

incl interest and depreciation on well

Total Costs including overheads **\$301.29**

Revenue

Value of Production 2 Ton Alfalfa @ \$ /Ton

0.75 ton Oats hay @ \$ /ton

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Alfalfa Dryland
Large Round
4 Ton/ac Alfalfa

Budget 5
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Swath/Cond Hay	4 ac	4.92	2.48	1.04	3.72	1.52	4.20	\$17.88	_____
2 Turn Windrows	1 ac	0.88	0.17	0.14	0.07	0.06	0.60	\$1.92	_____
3 Lg Rd Bale	4 ton	3.28	0.88	0.44	0.92	2.45	6.96	\$14.93	_____
4 Move Lg Rd	4 ton	3.56	1.32	0.44	0.04	2.45	0.21	\$8.03	_____
5 Spray	Custom								_____
Total for Field operations		\$12.64	\$4.85	\$2.06	\$4.75	\$6.48	\$11.97	\$42.75	_____

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
Twine Lg Rd	Other	3	100%	5.3 bale	0.48 /bale	\$2.54
Lorsban 4 E	Insecticide	5	25%	1.5 pt	4.19 /pt	\$1.57
Spray	Custom	5	25%	1 ac	4.00 /ac	\$1.00
Total Materials & Services						\$5.11

Total listed costs for Field Operations and Materials & Services						\$47.86
Interest on op.capital	\$29 cash expense @	8.5%	8 mo			1.67
Total Operating Costs and Use Related Depreciation						\$49.53
Establishment cost/years		\$84	5 years			16.80
Overheads	including accounting, liability insurance, vehicle cost, office expense					6.00
Management including scouting and crop insurance						19.26
Machinery taxes, housing, insurance & interest		\$288 /acre @	6.5%			18.70
Land real estate taxes and interest		\$65 /acre	1.00 acres			65.00
Total Costs including overheads						\$175.29

Revenue						
Value of Production	_____ 4 Ton	Alfalfa @ \$ _____ /Ton				_____
		@ \$ _____ /				_____
Program Payment	_____ base x _____ Bu HWY @ \$ _____ /bu x	85%				_____
Total Revenue						_____
Net Revenue = Total Revenue - Total Costs including overheads =						_____

Alfalfa Pivot 800 GPM 35PSI
Large Square
6 Ton/ac Alfalfa

16 Acre-inches

Budget 6
Year 2001

	Times or		Fuel&	Repairs	Deprec			Your
Field operations	Qty	Labor	Lube	Pwr	Imp	Pwr	Imp	Total Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20
2 Swath/Cond Hay	5 ac	6.15	3.10	1.30	4.65	1.90	5.25	\$22.35
3 Turn Windrows	1 ac	0.88	0.17	0.14	0.07	0.06	0.60	\$1.92
4 Lg Sq Bale	6 ton	4.08	2.34	0.66	4.44	4.08	8.63	\$24.23
5 Load Lg Sq	6 ton	7.20	2.64	1.08	0.24	6.65	3.90	\$21.70
6 PivotE125'Lift	16 Al	5.33	22.97	3.15	5.03	3.09	18.60	\$58.17
7 Spray	0.25 ac	0.12	0.03	0.02	0.03	0.01	0.02	\$0.23
8 Spray	0.25 ac	0.12	0.03	0.02	0.03	0.01	0.02	\$0.23
Total for Field operations		\$24.67	\$31.56	\$6.46	\$14.49	\$15.83	\$37.02	\$130.03

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
0-46-0	Fertilizer	1	100%	40 lb P205	0.29 /lb P205	\$11.60
Twine Lg Sq	Other	4	100%	8.9 bale	0.34 /bale	\$3.03
Connect Charge	Other	6	100%	1 ac	25.00 /ac	\$25.00
Pursuit DG	Herbicide	7	25%	1.62 oz	1.32 /oz	\$0.53
Lorsban 4 E	Insecticide	8	25%	1.5 pt	4.19 /pt	\$1.57
Total Materials & Services						\$41.73

Total listed costs for Field Operations and Materials & Services		\$171.76
Interest on op.capital	\$119 cash expense @ 8.5%	8 mo 6.74
Total Operating Costs and Use Related Depreciation		\$178.50
Establishment cost/years	\$180 5 years	36.00
Overheads including accounting, liability insurance, vehicle cost, office expense		13.00
Management including scouting and crop insurance		28.38
Machinery taxes, housing, insurance & interest	\$492 /acre @ 6.5%	31.95
Irrigation system taxes, insurance & interest	\$168 /acre @ 6.0%	10.10
Land real estate taxes and interest	\$100 /acre 1.00 acres	100.00
incl interest and depreciation on well		
Total Costs including overheads		\$397.93

Revenue

Value of Production	6 Ton	Alfalfa @ \$	/Ton	
Program Payment	base x	Bu HWY @ \$	/bu x	85%
Total Revenue				
Net Revenue = Total Revenue - Total Costs including overheads =				

Alfalfa Canal Irrigated
Large Square
6 Ton/ac Alfalfa

22 Acre-inches

Budget 7
Year 2001

	Times or	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
Field operations	Qty								
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20	
2 Swath/Cond Hay	5 ac	6.15	3.10	1.30	4.65	1.90	5.25	\$22.35	
3 Turn Windrows	1 ac	0.88	0.17	0.14	0.07	0.06	0.60	\$1.92	
4 Lg Sq Bale	Custom								
5 Load Lg Sq	6 ton	7.20	2.64	1.08	0.24	6.65	3.90	\$21.70	
6 Ditch Irrig	22 Al	37.40						\$37.40	
7 Spray	0.25 ac	0.12	0.03	0.02	0.03	0.01	0.02	\$0.23	
8 Spray	0.25 ac	0.12	0.03	0.02	0.03	0.01	0.02	\$0.23	
Total for Field operations		\$52.66	\$6.25	\$2.65	\$5.02	\$8.66	\$9.79	\$85.02	

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
0-46-0	Fertilizer	1	100%	40 lb P205	0.29 /lb P205	\$11.60
Bale L Sq 1350 lb	Custom	4	100%	8.9 bale	12.00 /bale	\$106.80
Water Charge	Other	6	100%	1 ac	25.00 /ac	\$25.00
Pursuit DG	Herbicide	7	25%	1.62 oz	1.32 /oz	\$0.53
Lorsban 4 E	Insecticide	8	25%	1.5 pt	4.19 /pt	\$1.57

Total Materials & Services \$145.50

Total listed costs for Field Operations and Materials & Services \$230.52

Interest on op.capital \$212 cash expense @ 8.5% 8 mo 12.02

Total Operating Costs and Use Related Depreciation \$242.54

Establishment cost/years \$218 5 years 43.60

Overheads including accounting, liability insurance, vehicle cost, office expense 13.00

Management including scouting and crop insurance 28.38

Machinery taxes, housing, insurance & interest \$276 /acre @ 6.5% 17.93

Irrigation system taxes, insurance & interest /acre @ 6.0%

Land real estate taxes and interest \$100 /acre 1.00 acres 100.00

incl interest and depreciation on well

Total Costs including overheads \$445.45

Revenue

Value of Production 6 Ton Alfalfa @ \$ /Ton

@ \$ /

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Annual Hay Dryland
Annually Planted, Large Round
3 Ton/ac Annual Hay

Budget 8
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	_____
2 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
4 Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	\$6.02	_____
5 Swath/Cond Hay	1 ac	1.23	0.62	0.26	0.93	0.38	1.05	\$4.47	_____
6 Lg Rd Bale	3 ton	2.46	0.66	0.33	0.69	1.84	5.22	\$11.20	_____
7 Move Lg Rd	3 ton	2.67	0.99	0.33	0.03	1.84	0.16	\$6.02	_____
Total for Field operations		\$10.17	\$4.22	\$1.50	\$4.54	\$5.43	\$9.42	\$35.28	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
28-0-0 Fertilizer	2	100%	40 lb N	0.26 /lb N	\$10.40
Sorghum Sudan Seed	4	100%	10 lb	0.50 /lb	\$5.00
Twine Lg Rd Other	6	100%	4 bale	0.48 /bale	\$1.92

Total Materials & Services **\$17.32** _____

Total listed costs for Field Operations and Materials & Services **\$52.60** _____

Interest on op.capital \$38 cash expense @ 8.5% 8 mo 2.14 _____

Total Operating Costs and Use Related Depreciation **\$54.74** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **3.00** _____

Management including scouting and crop insurance **11.82** _____

Machinery taxes, housing, insurance & interest \$237 /acre @ 6.5% **15.42** _____

Land real estate taxes and interest \$65 /acre 1.00 acres **65.00** _____

Total Costs including overheads **\$149.98** _____

Revenue

Value of Production _____ 3 Ton Annual Hay @ \$ _____ /Ton _____

Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85% _____

Total Revenue _____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Corn Silage Pivot 800 GPM 35PSI
Conventional, Continuous
24 Ton/ac Corn Silage

12 Acre-inches

Budget 9
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Spray	Custom								
6 PivotD200* Lift	12 Al	4.00	34.94	4.64	3.77	7.11	14.60	\$69.06	
7 Chop Silage	Custom								
8 Truck	Custom								
9 Pack Silage	24 ton	7.20	2.64	0.96	0.96	6.65	15.58	\$33.99	
Total for Field operations		\$15.92	\$39.99	\$6.23	\$7.16	\$17.44	\$34.03	\$120.78	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	2	100%	180 lb N	0.20 /lb N	\$36.00
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum Herbicide	4	100%	2.1 qt	10.01 /qt	\$21.02
Counter 20 CR Insecticide	4	100%	6.53 lb	2.00 /lb	\$13.06
Corn Seed	4	100%	0.33 bag	101.00 /bag	\$33.33
Kernel Guard Supreme Seed Trt	4	100%	0.33 oz	2.33 /oz	\$0.77
Aerial Spray Custom	5	25%	1 ac	4.50 /ac	\$1.13
Dipel 10G Insecticide	5	7%	2 lb	1.00 /lb	\$0.14
Cygon Insecticide	5	3%	0.14 pt	4.06 /pt	\$0.02
Lorsban 4 E Insecticide	5	10%	1.5 pt	4.19 /pt	\$0.63
Warrior T Insecticide	5	5%	3.2 oz	2.16 /oz	\$0.35
Chop Custom	7	100%	24 ton	3.00 /ton	\$72.00
Haul Silage Custom	8	100%	24 ton	2.00 /ton	\$48.00
Total Materials & Services					\$234.25

Total listed costs for Field Operations and Materials & Services	\$355.03
Interest on op.capital \$304 cash expense @ 8.5% 8 mo	17.20
Total Operating Costs and Use Related Depreciation	\$372.23

Overheads including accounting, liability insurance, vehicle cost, office expense	15.00
Management including scouting and crop insurance	27.90
Machinery taxes, housing, insurance & interest \$412 /acre @ 6.5%	26.81
Irrigation system taxes, insurance & interest \$213 /acre @ 6.0%	12.78
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$554.71

Revenue	
Value of Production 24 Ton Corn Silage @ \$ /Ton	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

Grass Pivot 800 GPM 35PSI
Fall Estab

2 Acre-inches

Budget 10
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	_____
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
3 Roll	1 ac	1.10	0.55	0.21	0.27	0.09	1.63	\$3.85	_____
4 Grass Drill	1 ac	2.22	0.87	0.31	Rent	0.13	Rent	\$3.53	_____
5 PivotD125'Lift	2 AI	0.67	4.34	0.67	0.63	0.96	2.43	\$9.71	_____

Total for Field operations \$5.50 \$6.90 \$1.40 \$1.94 \$2.40 \$5.12 **\$23.26** _____

Materials & Services	Oper	Acres	Quantity/ac	Price\$/unit	Total \$/acre
Item	#				
Grass Seed	Seed 4	100%	1 ac	35.00 /ac	\$35.00
Grass Drill	Rental 4	100%	1 ac	5.00 /ac	\$5.00

Total Materials & Services **\$40.00** _____

Total listed costs for Field Operations and Materials & Services **\$63.26** _____

Interest on op.capital \$56 cash expense @ 8.5% 8 mo 3.16 _____

Total Operating Costs and Use Related Depreciation **\$66.42** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **6.00** _____

Management including scouting and crop insurance **15.00** _____

Machinery taxes, housing, insurance & interest \$72 /acre @ 6.5% **4.70** _____

Irrigation system taxes, insurance & interest \$201 /acre @ 6.0% **12.04** _____

Land real estate taxes and interest \$0 /acre 1.00 acres **0.00** _____

incl interest and depreciation on well

Total Costs including overheads **\$104.16** _____

Revenue

Value of Production _____ Ton Grass @ \$ _____ /Ton
@ \$ _____ /

Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85% _____

Total Revenue _____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Grass Hay Dryland
Large Round
2 Ton/ac Grass Hay

Budget 11
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20	_____
2 Swath/Cond Hay	1 ac	1.23	0.62	0.26	0.93	0.38	1.05	\$4.47	_____
3 Lg Rd Bale	2 ton	1.64	0.44	0.22	0.46	1.23	3.48	\$7.47	_____
4 Move Lg Rd	2 ton	1.78	0.66	0.22	0.02	1.23	0.11	\$4.01	_____
Total for Field operations		\$5.43	\$2.00	\$0.80	\$1.41	\$2.87	\$4.64	\$17.15	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
30-10-0 Fertilizer	1	100%	60 lb	0.12 /lb	\$7.20
Twine Lg Rd Other	3	100%	2.7 bale	0.48 /bale	\$1.30
Total Materials & Services					\$8.50

Total listed costs for Field Operations and Materials & Services	\$25.65
Interest on op.capital \$18 cash expense @ 8.5% 8 mo	1.03
Total Operating Costs and Use Related Depreciation	\$26.68

Overheads including accounting, liability insurance, vehicle cost, office expense	1.00
Management including scouting and crop insurance	9.82
Machinery taxes, housing, insurance & interest \$116 /acre @ 6.5%	7.56
Land real estate taxes and interest \$30 /acre 1.00 acres	30.00
Total Costs including overheads	\$75.06

Revenue	
Value of Production _____ 2 Ton Grass Hay @ \$ _____ /Ton	_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%	_____
Total Revenue	_____
Net Revenue = Total Revenue - Total Costs including overheads =	_____

Pasture Pivot 800 GPM 35PSI
Grazing
10 AUM/ac Pasture

18 Acre-inches

Budget 12
Year 2001

	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
Field operations									
1 PivotD125'Lift	18 Al	6.00	39.09	6.06	5.66	8.65	21.89	\$87.35	_____
Total for Field operations		\$6.00	\$39.09	\$6.06	\$5.66	\$8.65	\$21.89	\$87.35	_____

Materials & Services		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre	
Item							
28-0-0	Fertilizer	1	100%	150 lb N	0.26 /lb N	\$39.00	_____
Electricity fence/water	Other		100%	1 ac	1.60 /ac	\$1.60	_____
Fence/water repairs	Other		100%	1 ac	2.00 /ac	\$2.00	_____
Move Cattle	Other		100%	1 hr	7.50 /hr	\$7.50	_____
Total Materials & Services						\$50.10	_____

Total listed costs for Field Operations and Materials & Services						\$137.45	_____
Interest on op.capital	\$107 cash expense @	8.5%	8 mo			6.06	_____
Total Operating Costs and Use Related Depreciation						\$143.51	_____
Establishment cost/years	\$118		25 years			4.72	_____
Overheads	including accounting, liability insurance, vehicle cost, office expense					4.00	_____
Management including scouting and crop insurance						17.82	_____
Machinery taxes, housing, insurance & interest	/acre @	6.5%					_____
Irrigation system taxes, insurance & interest	\$201 /acre @	6.0%				12.04	_____
Land real estate taxes and interest	\$100 /acre	1.00 acres				100.00	_____
	incl interest and depreciation on well, fence and water system						_____
Total Costs including overheads						\$282.08	_____

Revenue							
Value of Production	10 AUM	Pasture @ \$	_____	/AUM			_____
		@ \$	_____	/			_____
Program Payment	base x	Bu HWY @ \$	_____	/bu x	85%		_____
Total Revenue							_____
Net Revenue = Total Revenue - Total Costs including overheads =							_____

Corn Dryland
Conventional, Continuous
85 Bu/ac Corn

Budget 13
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs		Deprec		Total	Your Estimate
				Pwr	Imp	Pwr	Imp		
1 Chisel	1 ac	0.98	0.75	0.14	0.45	0.80	0.60	\$3.72	_____
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	_____
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	_____
5 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	_____
6 Row Crop Cult	0.25 ac	0.42	0.12	0.09	0.07	0.13	0.07	\$0.89	_____
7 Spray	0.25 ac	0.20	0.03	0.03	0.04	0.01	0.04	\$0.35	_____
8 Spray	Custom								_____
9 Combine dryland	1 ac	2.02	1.94	2.03	0.85	8.32	1.76	\$16.93	_____
10 Cart	85 bu	0.39	0.26	0.06	0.19	0.36	0.33	\$1.58	_____
11 Truck	Custom								_____
12 Dry	Custom								_____
13 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	_____
Total for Field operations		\$10.29	\$5.68	\$3.28	\$3.79	\$13.60	\$6.70	\$43.34	_____

Materials & Services		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre	
Item							
82-0-0	Fertilizer	2	100%	90 lb N	0.20 /lb N	\$18.00	_____
Bicep II Magnum	Herbicide	4	40%	2.1 qt	10.01 /qt	\$8.41	_____
Corn	Seed	4	100%	0.22 bag	101.00 /bag	\$22.22	_____
Counter 20 CR	Insecticide	4	100%	6.53 lb	2.00 /lb	\$13.06	_____
10-34-0	Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80	_____
Kernel Guard Supreme	Seed Trt	4	100%	0.33 oz	2.33 /oz	\$0.77	_____
Exceed	Herbicide	7	25%	1 oz	11.72 /oz	\$2.93	_____
Aerial Spray	Custom	8	20%	1 ac	4.50 /ac	\$0.90	_____
Lorsban 4 E	Insecticide	8	10%	1.5 pt	4.19 /pt	\$0.63	_____
Dipel 10G	Insecticide	8	10%	2 lb	1.00 /lb	\$0.20	_____
Haul Grain bu	Custom	11	100%	85 bu	0.08 /bu	\$6.80	_____
Dry 4 Points Removed	Custom	12	100%	85 bu	0.12 /bu	\$10.20	_____
Total Materials & Services						\$91.92	_____

Total listed costs for Field Operations and Materials & Services		\$135.26	_____
Interest on op.capital	\$115 cash expense @ 8.5%	8 mo	6.51
Total Operating Costs and Use Related Depreciation		\$141.77	_____

Overheads	including accounting, liability insurance, vehicle cost, office expense	5.00	_____
Management including scouting and crop insurance		17.14	_____
Machinery taxes, housing, insurance & interest	\$246 /acre @ 6.5%	16.00	_____
Land real estate taxes and interest	\$65 /acre 1.00 acres	65.00	_____
Total Costs including overheads		\$244.90	_____

Revenue						
Value of Production	85 Bu	Corn @ \$	/Bu			_____
		@ \$	/			_____
Program Payment	base x	Bu HWY @ \$	/bu x	85%		_____
Total Revenue						_____
Net Revenue = Total Revenue - Total Costs including overheads =						_____

Corn Dryland
No-Till, Continuous
90 Bu/ac Corn

Budget 14
Year 2001

Field operations	Times or Qty	Labor	Fuel & Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
2 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	
3 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	
4 Spray	Custom								
5 Combine dryland	1 ac	2.02	1.94	2.03	0.85	8.32	1.76	\$16.93	
6 Cart	90 bu	0.41	0.27	0.06	0.20	0.38	0.35	\$1.67	
7 Truck	Custom								
8 Dry	Custom								
9 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	
Total for Field operations		\$6.56	\$3.50	\$2.61	\$2.75	\$10.82	\$4.77	\$31.01	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
28-0-0 Fertilizer	1	100%	95 lb N	0.26 /lb N	\$24.70
Bicep II Magnum Herbicide	1	100%	2.1 qt	10.01 /qt	\$21.02
Counter 20 CR Insecticide	2	100%	6.53 lb	2.00 /lb	\$13.06
Corn Seed	2	100%	0.22 bag	101.00 /bag	\$22.22
Kernel Guard Supreme Seed Trt	2	100%	0.33 oz	2.33 /oz	\$0.77
10-34-0 Fertilizer	2	100%	6 gal	1.30 /gal	\$7.80
Exceed Herbicide	3	50%	1 oz	11.72 /oz	\$5.86
Aerial Spray Custom	4	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	4	10%	1.5 pt	4.19 /pt	\$0.63
Dipel 10G Insecticide	4	10%	2 lb	1.00 /lb	\$0.20
Haul Grain bu Custom	7	100%	90 bu	0.08 /bu	\$7.20
Dry 4 Points Removed Custom	8	100%	90 bu	0.12 /bu	\$10.80
Total Materials & Services					\$115.16

Total listed costs for Field Operations and Materials & Services		\$146.17
Interest on op.capital \$131 cash expense @ 8.5% 8 mo		7.40
Total Operating Costs and Use Related Depreciation		\$153.57

Overheads including accounting, liability insurance, vehicle cost, office expense		5.00
Management including scouting and crop insurance		18.08
Machinery taxes, housing, insurance & interest \$178 /acre @ 6.5%		11.60
Land real estate taxes and interest \$65 /acre 1.00 acres		65.00
Total Costs including overheads		\$253.26

Revenue		
Value of Production 90 Bu Corn @ \$ /Bu		
Program Payment base x Bu HWY @ \$ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		

Corn Dryland
No-Till, After Soybean
95 Bu/ac Corn

Budget 15
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
2 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
3 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	_____
4 Spray	Custom								_____
5 Combine dryland	1 ac	2.02	1.94	2.03	0.85	8.32	1.76	\$16.93	_____
6 Cart	95 bu	0.44	0.29	0.07	0.21	0.40	0.37	\$1.76	_____
7 Truck	Custom								_____
8 Dry	Custom								_____
9 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	_____
Total for Field operations		\$6.58	\$3.51	\$2.62	\$2.76	\$10.84	\$4.79	\$31.11	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
28-0-0 Fertilizer	1	100%	60 lb N	0.26 /lb N	\$15.60
Bicep II Magnum Herbicide	1	100%	2.1 qt	10.01 /qt	\$21.02
Corn Seed	2	100%	0.22 bag	101.00 /bag	\$22.22
Kernel Guard Supreme Seed Trt	2	100%	0.33 oz	2.33 /oz	\$0.77
10-34-0 Fertilizer	2	100%	6 gal	1.30 /gal	\$7.80
Exceed Herbicide	3	50%	1 oz	11.72 /oz	\$5.86
Aerial Spray Custom	4	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	4	10%	1.5 pt	4.19 /pt	\$0.63
Dipel 10G Insecticide	4	10%	2 lb	1.00 /lb	\$0.20
Haul Grain bu Custom	7	100%	95 bu	0.08 /bu	\$7.60
Dry 4 Points Removed Custom	8	100%	95 bu	0.12 /bu	\$11.40
Total Materials & Services					\$94.00

Total listed costs for Field Operations and Materials & Services	\$125.11
Interest on op.capital \$109 cash expense @ 8.5% 8 mo	6.20
Total Operating Costs and Use Related Depreciation	\$131.31

Overheads including accounting, liability insurance, vehicle cost, office expense	5.00
Management including scouting and crop insurance	19.03
Machinery taxes, housing, insurance & interest \$179 /acre @ 6.5%	11.64
Land real estate taxes and interest \$65 /acre 1.00 acres	65.00
Total Costs including overheads	\$231.97

Revenue	
Value of Production 95 Bu Corn @ \$ _____ /Bu	_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%	_____
Total Revenue	_____
Net Revenue = Total Revenue - Total Costs including overheads =	_____

Corn Dryland
No-Till, After Wheat
105 Bu/ac Corn

Budget 16
Year 2001

	Times or	Labor	Fuel& Lube	Repairs Pwr Imp	Deprec Pwr Imp	Total	Your Estimate
Field operations	Qty						
1 Spray	1 ac	0.81	0.13	0.10 0.15	0.04 0.16	\$1.39	
2 Spray	1 ac	0.81	0.13	0.10 0.15	0.04 0.16	\$1.39	
3 Spray	1 ac	0.81	0.13	0.10 0.15	0.04 0.16	\$1.39	
4 Plant No-Till	1 ac	2.03	0.63	0.26 1.25	1.45 1.86	\$7.48	
5 Spray	0.5 ac	0.41	0.07	0.05 0.08	0.02 0.08	\$0.70	
6 Spray	Custom						
7 Combine dryland	1 ac	2.02	1.94	2.03 0.85	8.32 1.76	\$16.93	
8 Cart	105 bu	0.48	0.32	0.07 0.23	0.44 0.40	\$1.95	
9 Truck	Custom						
10 Dry	Custom						
11 Chop Stalks	1 ac	0.88	0.46	0.11 0.23	0.61 0.55	\$2.84	
Total for Field operations		\$8.25	\$3.80	\$2.82 \$3.09	\$10.97 \$5.16	\$34.08	

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
21-0-0-26s	Spray Grade	1	100%	100 lb	0.17 /lb	\$17.00
Landmaster BW	Herbicide	1	100%	2.1 oz	0.15 /oz	\$0.32
Atrazine 4L	Herbicide	2	100%	0.22 qt	3.57 /qt	\$0.79
Roundup Ultra	Herbicide	2	100%	32 oz	0.31 /oz	\$9.92
28-0-0	Fertilizer	3	100%	100 lb N	0.26 /lb N	\$26.00
Bicep II Magnum	Herbicide	3	100%	2.1 qt	10.01 /qt	\$21.02
Corn	Seed	4	100%	0.22 bag	101.00 /bag	\$22.22
Kernel Guard Supreme	Seed Trt	4	100%	0.33 oz	2.33 /oz	\$0.77
10-34-0	Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Exceed	Herbicide	5	50%	1 oz	11.72 /oz	\$5.86
Aerial Spray	Custom	6	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E	Insecticide	6	10%	1.5 pt	4.19 /pt	\$0.63
Dipel 10G	Insecticide	6	10%	2 lb	1.00 /lb	\$0.20
Haul Grain bu	Custom	9	100%	105 bu	0.08 /bu	\$8.40
Dry 4 Points Removed	Custom	10	100%	105 bu	0.12 /bu	\$12.60

Total Materials & Services **\$134.43**

Total listed costs for Field Operations and Materials & Services **\$168.51**

Interest on op.capital \$152 cash expense @ 8.5% 8 mo 8.64

Total Operating Costs and Use Related Depreciation **\$177.15**

Overheads including accounting, liability insurance, vehicle cost, office expense **5.00**

Management including scouting and crop insurance **20.93**

Machinery taxes, housing, insurance & interest \$190 /acre @ 6.5% **12.32**

Land real estate taxes and interest \$65 /acre 1.00 acres **65.00**

Total Costs including overheads **\$280.40**

Revenue

Value of Production 105 Bu Corn @ \$ /Bu
 @ \$ /

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Corn Dryland
Eco-Fallow, After Wheat, 2 Crops in 3 Yr
80 Bu/ac Corn

Budget 17
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
2 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
3 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
4 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	
5 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	
6 Spray	Custom								
7 Combine dryland	1 ac	2.02	1.94	2.03	0.85	8.32	1.76	\$16.93	
8 Cart	80 bu	0.37	0.24	0.06	0.18	0.34	0.31	\$1.49	
9 Truck	Custom								
10 Dry	Custom								
11 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	
Total for Field operations		\$8.13	\$3.73	\$2.81	\$3.03	\$10.86	\$5.06	\$33.62	

Materials & Services Item	Oper #	Acres	Quantity/ac	Prices/unit	Total \$/acre
21-0-0-26s Spray Grade	1	100%	2 lb	0.17 /lb	\$0.34
Landmaster BW Herbicide	1	100%	54 oz	0.15 /oz	\$8.10
Atrazine 4L Herbicide	2	100%	1 qt	3.57 /qt	\$3.57
Gramoxone Extra Herbicide	2	100%	2 pt	4.01 /pt	\$8.02
28-0-0 Fertilizer	3	100%	75 lb N	0.26 /lb N	\$19.50
Bicep II Magnum Herbicide	3	100%	2.1 qt	10.01 /qt	\$21.02
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Corn Seed	4	100%	0.22 bag	101.00 /bag	\$22.22
Kernel Guard Supreme Seed Trt	4	100%	0.33 oz	2.33 /oz	\$0.77
Exceed Herbicide	5	50%	1 oz	11.72 /oz	\$5.86
Aerial Spray Custom	6	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	6	10%	1.5 pt	4.19 /pt	\$0.63
Dipel 10G Insecticide	6	10%	2 lb	1.00 /lb	\$0.20
Haul Grain bu Custom	9	100%	80 bu	0.08 /bu	\$6.40
Dry 4 Points Removed Custom	10	100%	80 bu	0.12 /bu	\$9.60
Total Materials & Services					\$114.93

Total listed costs for Field Operations and Materials & Services	\$148.55
Interest on op.capital \$133 cash expense @ 8.5% 8 mo	7.52
Total Operating Costs and Use Related Depreciation	\$156.07

Overheads including accounting, liability insurance, vehicle cost, office expense	5.00
Management including scouting and crop insurance	16.19
Machinery taxes, housing, insurance & interest \$187 /acre @ 6.5%	12.14

Land real estate taxes and interest \$30 /acre 1.50 acres	45.00
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Total Costs including overheads	\$234.39
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Revenue	
Value of Production 80 Bu Corn @ \$ /Bu	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	

Net Revenue = Total Revenue - Total Costs including overheads =

Corn Gravity 1,000GPM 10PSI
Ridge-Till, Continuous
155 Bu/ac Corn

18 Acre-inches

Budget 18
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	0.2 ac	0.16	0.03	0.02	0.03	0.01	0.03	\$0.28	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Ridge Plant	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	
4 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
5 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
6 Spray	Custom								
7 Pipe D125'Lift	18 Al	18.00	26.33	4.85	1.62	8.21	3.62	\$62.62	
8 Combine irrig	1 ac	2.64	2.54	2.66	0.85	10.90	1.76	\$21.35	
9 Cart	155 bu	0.71	0.47	0.11	0.34	0.65	0.60	\$2.88	
10 Truck	Custom								
11 Dry	Custom								
12 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	
Total for Field operations		\$29.18	\$32.90	\$8.67	\$6.33	\$25.67	\$10.37	\$113.11	

Materials & Services		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
2,4-D Ester	Herbicide	1	20%	1.5 pt	1.78 /pt	\$0.53
82-0-0	Fertilizer	2	100%	165 lb N	0.20 /lb N	\$33.00
10-34-0	Fertilizer	3	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum	Herbicide	3	40%	2.1 qt	10.01 /qt	\$8.41
Counter 20 CR	Insecticide	3	100%	6.53 lb	2.00 /lb	\$13.06
Corn	Seed	3	100%	0.33 bag	101.00 /bag	\$33.33
Kernel Guard Supreme	Seed Trt	3	100%	0.33 oz	2.33 /oz	\$0.77
Aerial Spray	Custom	6	50%	1 ac	4.50 /ac	\$2.25
Dipel 10G	Insecticide	6	15%	2 lb	1.00 /lb	\$0.30
Cygon	Insecticide	6	5%	0.14 pt	4.06 /pt	\$0.03
Lorsban 4 E	Insecticide	6	20%	1.5 pt	4.19 /pt	\$1.26
Warrior T	Insecticide	10	10%	3.2 oz	2.16 /oz	\$0.69
Haul Grain bu	Custom	11	100%	155 bu	0.08 /bu	\$12.40
Dry 4 Points Removed	Custom		100%	155 bu	0.12 /bu	\$18.60
Total Materials & Services						\$132.43

Total listed costs for Field Operations and Materials & Services		\$245.54
Interest on op.capital	\$210 cash expense @ 8.5%	8 mo 11.87
Total Operating Costs and Use Related Depreciation		\$257.41

Overheads	including accounting, liability insurance, vehicle cost, office expense	10.48
Management including scouting and crop insurance		30.41
Machinery taxes, housing, insurance & interest	\$287 /acre @ 6.5%	18.64
Irrigation system taxes, insurance & interest	\$99 /acre @ 6.0%	5.96
Land real estate taxes and interest	\$100 /acre 1.00 acres	100.00
	incl interest and depreciation on well	
Total Costs including overheads		\$422.90

Revenue		
Value of Production	155 Bu Corn @ \$ /Bu	
	@ \$ /	
Program Payment	base x Bu HWY @ \$ /bu x 85%	
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		

Corn Pivot 800 GPM 35PSI
Ridge-Till, Continuous
155 Bu/ac Corn

12 Acre-inches

Budget 19
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	0.2 ac	0.16	0.03	0.02	0.03	0.01	0.03	\$0.28	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Ridge Plant	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	
4 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
5 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
6 Spray	Custom								
7 PivotD125'Lift	12 AI	4.00	26.06	4.04	3.77	5.77	14.60	\$58.23	
8 Combine irrig	1 ac	2.64	2.54	2.66	0.85	10.90	1.76	\$21.35	
9 Cart	155 bu	0.71	0.47	0.11	0.34	0.65	0.60	\$2.88	
10 Truck	Custom								
11 Dry	Custom								
12 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	
Total for Field operations		\$15.18	\$32.63	\$7.87	\$8.48	\$23.22	\$21.35	\$108.73	

Materials & Services		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
2,4-D Ester	Herbicide	1	20%	1.5 pt	1.78 /pt	\$0.53
82-0-0	Fertilizer	2	100%	165 lb N	0.20 /lb N	\$33.00
10-34-0	Fertilizer	3	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum	Herbicide	3	40%	2.1 qt	10.01 /qt	\$8.41
Counter 20 CR	Insecticide	3	100%	6.53 lb	2.00 /lb	\$13.06
Corn	Seed	3	100%	0.33 bag	101.00 /bag	\$33.33
Kernel Guard Supreme	Seed Trt	3	100%	0.33 oz	2.33 /oz	\$0.77
Aerial Spray	Custom	6	50%	1 ac	4.50 /ac	\$2.25
Dipel 10G	Insecticide	6	15%	2 lb	1.00 /lb	\$0.30
Cygon	Insecticide	6	5%	0.14 pt	4.06 /pt	\$0.03
Lorsban 4 E	Insecticide	6	20%	1.5 pt	4.19 /pt	\$1.26
Warrior T	Insecticide	6	10%	3.2 oz	2.16 /oz	\$0.69
Haul Grain bu	Custom	10	100%	155 bu	0.08 /bu	\$12.40
Dry 4 Points Removed	Custom	11	100%	155 bu	0.12 /bu	\$18.60
Total Materials & Services						\$132.43

Total listed costs for Field Operations and Materials & Services		\$241.16
Interest on op.capital \$197 cash expense @ 8.5% 8 mo		11.14
Total Operating Costs and Use Related Depreciation		\$252.30

Overheads including accounting, liability insurance, vehicle cost, office expense		20.00
Management including scouting and crop insurance		30.41
Machinery taxes, housing, insurance & interest	\$287 /acre @ 6.5%	18.64
Irrigation system taxes, insurance & interest	\$201 /acre @ 6.0%	12.04
Land real estate taxes and interest	\$100 /acre 1.00 acres	100.00
incl interest and depreciation on well		
Total Costs including overheads		\$433.38

Revenue		
Value of Production 155 Bu Corn @ \$ /Bu		
Program Payment base x Bu HWY @ \$ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		

Corn Pivot 800 GPM 35PSI
Conventional, Continuous
155 Bu/ac Corn

12 Acre-inches

Budget 20
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
6 Row Crop Cult	0.25 ac	0.42	0.12	0.09	0.07	0.13	0.07	\$0.89	
7 Spray	0.25 ac	0.20	0.03	0.03	0.04	0.01	0.04	\$0.35	
8 Spray	Custom								
9 PivotD125' Lift	12 Al	4.00	26.06	4.04	3.77	5.77	14.60	\$58.23	
10 Combine irrig	1 ac	2.64	2.54	2.66	0.85	10.90	1.76	\$21.35	
11 Cart	155 bu	0.71	0.47	0.11	0.34	0.65	0.60	\$2.88	
12 Truck	Custom								
13 Dry	Custom								
14 Chop Stalks	1 ac	0.88	0.46	0.11	0.23	0.61	0.55	\$2.84	
Total for Field operations		\$15.26	\$32.56	\$8.00	\$8.02	\$22.25	\$21.75	\$107.83	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	2	100%	165 lb N	0.20 /lb N	\$33.00
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum Herbicide	4	100%	2.1 qt	10.01 /qt	\$21.02
Counter 20 CR Insecticide	4	100%	6.53 lb	2.00 /lb	\$13.06
Corn Seed	4	100%	0.33 bag	101.00 /bag	\$33.33
Kernel Guard Supreme Seed Trt	4	100%	0.33 oz	2.33 /oz	\$0.77
Exceed Herbicide	7	25%	1 oz	11.72 /oz	\$2.93
Aerial Spray Custom	8	50%	1 ac	4.50 /ac	\$2.25
Dipel 10G Insecticide	8	15%	2 lb	1.00 /lb	\$0.30
Cygon Insecticide	8	5%	0.14 pt	4.06 /pt	\$0.03
Lorsban 4 E Insecticide	8	20%	1.5 pt	4.19 /pt	\$1.26
Warrior T Insecticide	8	10%	3.2 oz	2.16 /oz	\$0.69
Haul Grain bu Custom	12	100%	155 bu	0.08 /bu	\$12.40
Dry 4 Points Removed Custom	13	100%	155 bu	0.12 /bu	\$18.60
Total Materials & Services					\$147.44

Total listed costs for Field Operations and Materials & Services	\$255.27
Interest on op.capital \$211 cash expense @ 8.5% 8 mo	11.97
Total Operating Costs and Use Related Depreciation	\$267.24

Overheads including accounting, liability insurance, vehicle cost, office expense	10.00
Management including scouting and crop insurance	30.41
Machinery taxes, housing, insurance & interest \$276 /acre @ 6.5%	17.95
Irrigation system taxes, insurance & interest \$201 /acre @ 6.0%	12.04
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$437.63

Revenue	
Value of Production 155 Bu Corn @ \$ /Bu	
@ \$ /	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

Corn Pivot 800 GPM 35PSI
No-Till, After Soybean
160 Bu/ac Corn

12 Acre-inches

Budget 21
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr Imp	Deprec Pwr Imp	Total	Your Estimate
1 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16 0.87	\$5.31
2 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45 1.86	\$7.48
3 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02 0.08	\$0.70
4 Spray	Custom						
5 PivotD125'Lift	12 Al	4.00	26.06	4.04	3.77	5.77 14.60	\$58.23
6 Combine irrig	1 ac	2.64	2.54	2.66	0.85	10.90 1.76	\$21.35
7 Cart	160 bu	0.74	0.48	0.11	0.35	0.68 0.62	\$2.97
8 Truck	Custom						
9 Dry	Custom						
Total for Field operations		\$11.20	\$30.59	\$7.31	\$7.19	\$19.97 \$19.79	\$96.05

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	1	100%	130 lb N	0.20 /lb N	\$26.00
10-34-0 Fertilizer	2	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum Herbicide	2	100%	2.1 qt	10.01 /qt	\$21.02
Gramoxone Extra Herbicide	2	100%	1.25 pt	4.01 /pt	\$5.01
Corn Seed	2	100%	0.33 bag	101.00 /bag	\$33.33
Kernel Guard Supreme Seed Trt	2	100%	0.33 oz	2.33 /oz	\$0.77
Exceed Herbicide	3	50%	1 oz	11.72 /oz	\$5.86
Aerial Spray Custom	4	50%	1 ac	4.50 /ac	\$2.25
Dipel 10G Insecticide	4	15%	2 lb	1.00 /lb	\$0.30
Cygon Insecticide	4	5%	0.14 pt	4.06 /pt	\$0.03
Lorsban 4 E Insecticide	4	20%	1.5 pt	4.19 /pt	\$1.26
Warrior T Insecticide	4	10%	3.2 oz	2.16 /oz	\$0.69
Haul Grain bu Custom	8	100%	160 bu	0.08 /bu	\$12.80
Dry 4 Points Removed Custom	9	100%	160 bu	0.12 /bu	\$19.20
Total Materials & Services					\$136.32

Total listed costs for Field Operations and Materials & Services	\$232.37
Interest on op.capital \$193 cash expense @ 8.5% 8 mo	10.91
Total Operating Costs and Use Related Depreciation	\$243.28

Overheads including accounting, liability insurance, vehicle cost, office expense	9.63
Management including scouting and crop insurance	31.36
Machinery taxes, housing, insurance & interest \$215 /acre @ 6.5%	13.98
Irrigation system taxes, insurance & interest \$201 /acre @ 6.0%	12.04
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$410.28

Revenue	
Value of Production 160 Bu Corn @ \$ /Bu	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

Dry Beans Pivot 800 GPM 35PSI

Conventional

8 Acre-inches

Budget 22
Year 2001

19 Cwt/ac Dry Beans

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
2 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
3 Spray(attached)	1 ac	0.16			0.15		0.16	\$0.47	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Hoe	1 ac	0.66	0.23	0.09	0.06	0.54	0.33	\$1.90	
6 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
7 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
8 Weed	Labor								
9 PivotE125'Lift	8 Al	2.67	11.49	1.57	2.51	1.55	9.30	\$29.08	
10 Spray	Custom								
11 Pickett Windrower	1 ac	1.55	0.88	0.40	0.95	0.83	2.60	\$7.21	
12 Combine	1 ac	1.94	1.56	1.95	0.15	7.99	0.44	\$14.04	
13 Truck	Custom								
Total for Field operations		\$13.67	\$17.05	\$5.03	\$6.21	\$15.27	\$16.62	\$73.86	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
10-34-0-1z Fertilizer	3	100%	9 gal	1.65 /gal	\$14.85
Eptam 7E Herbicide	3	100%	3.5 pt	4.19 /pt	\$14.67
Sonalan Herbicide	3	100%	2.25 pt	4.14 /pt	\$9.32
Edible Beans Seed	4	100%	0.5 cwt	56.00 /cwt	\$28.00
Weeding Other	8	100%	1 ac	15.00 /ac	\$15.00
Connect Charge Other	9	100%	1 ac	25.00 /ac	\$25.00
Aerial Spray Custom	10	100%	1 ac	4.50 /ac	\$4.50
Asana XL Insecticide	10	100%	5.8 oz	0.70 /oz	\$4.06
Haul Grain cwt Custom	13	100%	19 cwt	0.14 /cwt	\$2.66
Total Materials & Services					\$118.06

Total listed costs for Field Operations and Materials & Services	\$191.92
Interest on op.capital \$160 cash expense @ 8.5% 8 mo	9.07
Total Operating Costs and Use Related Depreciation	\$200.99

Overheads including accounting, liability insurance, vehicle cost, office expense	8.00
Management including scouting and crop insurance	30.20
Machinery taxes, housing, insurance & interest \$272 /acre @ 6.5%	17.67
Irrigation system taxes, insurance & interest \$168 /acre @ 6.0%	10.10
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$366.96

Revenue	
Value of Production 19 Cwt Dry Beans @ \$ /Cwt	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

**G Sorghum Dryland
Conventional
95 Bu/ac G Sorghum**

**Budget 23
Year 2001**

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
6 Row Crop Cult	0.3 ac	0.42	0.12	0.09	0.07	0.13	0.07	\$0.89	
7 Spray	0.3 ac	0.20	0.03	0.03	0.04	0.01	0.04	\$0.35	
8 Spray	Custom								
9 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	
10 Cart	95 bu	0.44	0.29	0.07	0.21	0.40	0.37	\$1.76	
11 Truck	Custom								
Total for Field operations		\$8.98	\$4.78	\$2.68	\$3.13	\$11.00	\$5.51	\$36.07	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	2	100%	100 lb N	0.20 /lb N	\$20.00
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum Herbicide	4	40%	2.1 qt	10.01 /qt	\$8.41
Sorghum Safened Seed	4	100%	4 lb	1.04 /lb	\$4.16
Kernel Guard Supreme Seed Trt	4	100%	0.15 oz	2.33 /oz	\$0.35
Peak Herbicide	7	25%	0.75 oz	11.31 /oz	\$2.12
Aerial Spray Custom	8	10%	1 ac	4.50 /ac	\$0.45
Lorsban 4 E Insecticide	8	10%	1.5 pt	4.19 /pt	\$0.63
Haul Grain bu Custom	11	100%	95 bu	0.08 /bu	\$7.60
Total Materials & Services					\$51.52

Total listed costs for Field Operations and Materials & Services	\$87.59
Interest on op.capital \$71 cash expense @ 8.5% 8 mo	4.03
Total Operating Costs and Use Related Depreciation	\$91.62

Overheads including accounting, liability insurance, vehicle cost, office expense	6.00
Management including scouting and crop insurance	17.21
Machinery taxes, housing, insurance & interest \$203 /acre @ 6.5%	13.22
Land real estate taxes and interest \$65 /acre 1.00 acres	65.00
Total Costs including overheads	\$193.05

Revenue	
Value of Production 95 Bu G Sorghum @ \$ /Bu	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

**G Sorghum Dryland
No-Till
105 Bu/ac G Sorghum**

**Budget 24
Year 2001**

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
2 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
3 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	_____
4 Spray	Custom								_____
5 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
6 Cart	105 bu	0.48	0.32	0.07	0.23	0.44	0.40	\$1.95	_____
7 Truck	Custom								_____
Total for Field operations		\$5.25	\$2.60	\$2.01	\$1.80	\$8.23	\$3.42	\$23.30	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
28-0-0 Fertilizer	1	100%	110 lb N	0.26 /lb N	\$28.60
Bicep II Magnum Herbicide	1	100%	2.1 qt	10.01 /qt	\$21.02
2,4-D Ester Herbicide	1	100%	0.5 pt	1.78 /pt	\$0.89
10-34-0 Fertilizer	2	100%	6 gal	1.30 /gal	\$7.80
Kernel Guard Supreme Seed Trt	2	100%	0.15 oz	2.33 /oz	\$0.35
Sorghum Safened Seed	2	100%	4 lb	1.04 /lb	\$4.16
Peak Herbicide	3	50%	0.75 oz	11.31 /oz	\$4.24
Aerial Spray Custom	4	10%	1 ac	4.50 /ac	\$0.45
Lorsban 4 E Insecticide	4	10%	1.5 pt	4.19 /pt	\$0.63
Haul Grain bu Custom	7	100%	105 bu	0.08 /bu	\$8.40
Total Materials & Services					\$76.54

Total listed costs for Field Operations and Materials & Services		\$99.84
Interest on op.capital \$88 cash expense @ 8.5% 8 mo		5.00
Total Operating Costs and Use Related Depreciation		\$104.84

Overheads including accounting, liability insurance, vehicle cost, office expense		4.00
Management including scouting and crop insurance		18.91
Machinery taxes, housing, insurance & interest \$137 /acre @ 6.5%		8.93
Land real estate taxes and interest \$65 /acre 1.00 acres		65.00
Total Costs including overheads		\$201.68

Revenue		
Value of Production 105 Bu G Sorghum @ \$ _____ /Bu		_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%		_____
Total Revenue		_____
Net Revenue = Total Revenue - Total Costs including overheads =		_____

**G Sorghum Dryland
Ridge-Till
100 Bu/ac G Sorghum**

**Budget 25
Year 2001**

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	0.2 ac	0.16	0.03	0.02	0.03	0.01	0.03	\$0.28	_____
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	_____
3 Ridge Plant	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
4 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	_____
5 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	_____
6 Spray	Custom								_____
7 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
8 Cart	100 bu	0.46	0.30	0.07	0.22	0.42	0.39	\$1.86	_____
9 Truck	Custom								_____
Total for Field operations		\$8.92	\$4.87	\$2.55	\$3.60	\$11.99	\$5.13	\$37.06	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
2,4-D Ester	Herbicide 1	20%	1.5 pt	1.78 /pt	\$0.53
82-0-0	Fertilizer 2	100%	105 lb N	0.20 /lb N	\$21.00
10-34-0	Fertilizer 3	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum	Herbicide 3	40%	2.1 qt	10.01 /qt	\$8.41
Sorghum Safened	Seed 3	100%	4 lb	1.04 /lb	\$4.16
Kernel Guard Supreme	Seed Trt 3	100%	0.15 oz	2.33 /oz	\$0.35
Aerial Spray	Custom 6	10%	1 ac	4.50 /ac	\$0.45
Lorsban 4 E	Insecticide 6	10%	1.5 pt	4.19 /pt	\$0.63
Haul Grain bu	Custom 9	100%	100 bu	0.08 /bu	\$8.00
Total Materials & Services					\$51.33

Total listed costs for Field Operations and Materials & Services	\$88.39
Interest on op.capital \$71 cash expense @ 8.5% 8 mo	4.04
Total Operating Costs and Use Related Depreciation	\$92.43

Overheads including accounting, liability insurance, vehicle cost, office expense	4.00
Management including scouting and crop insurance	18.06
Machinery taxes, housing, insurance & interest \$215 /acre @ 6.5%	13.95
Land real estate taxes and interest \$65 /acre 1.00 acres	65.00
Total Costs including overheads	\$193.44

Revenue	
Value of Production 100 Bu G Sorghum @ \$ _____ /Bu	_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%	_____
Total Revenue	_____
Net Revenue = Total Revenue - Total Costs including overheads =	_____

G Sorghum Dryland
Eco-Fallow, After Wheat, 2 Crops in 3 Yr
90 Bu/ac G Sorghum

Budget 26
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	
2 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	
3 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	
4 No-Till Drill	1 ac	1.59	0.90	0.21	2.08	1.18	1.88	\$7.85	
5 Spray	0.5 ac	0.25	0.06	0.03	0.06	0.01	0.05	\$0.45	
6 Spray	Custom								
7 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	
8 Cart	90 bu	0.41	0.27	0.06	0.20	0.38	0.35	\$1.67	
9 Truck	Custom								
Total for Field operations		\$5.24	\$3.02	\$2.01	\$2.79	\$7.92	\$3.48	\$24.46	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
21-0-0-26s Spray Grade	1	100%	2 lb	0.17 /lb	\$0.34
Landmaster BW Herbicide	1	100%	54 oz	0.15 /oz	\$8.10
Atrazine 4L Herbicide	2	100%	1 qt	3.57 /qt	\$3.57
Gramoxone Extra Herbicide	2	100%	2 pt	4.01 /pt	\$8.02
28-0-0 Fertilizer	3	100%	95 lb N	0.26 /lb N	\$24.70
Bicep II Magnum Herbicide	3	100%	2.1 qt	10.01 /qt	\$21.02
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Kernel Guard Supreme Seed Trt	4	100%	0.15 oz	2.33 /oz	\$0.35
Sorghum Safened Seed	4	100%	4 lb	1.04 /lb	\$4.16
Peak Herbicide	5	50%	0.75 oz	11.31 /oz	\$4.24
Aerial Spray Custom	6	10%	1 ac	4.50 /ac	\$0.45
Lorsban 4 E Insecticide	6	10%	1.5 pt	4.19 /pt	\$0.63
Haul Grain bu Custom	9	100%	90 bu	0.08 /bu	\$7.20
Total Materials & Services					\$90.58

Total listed costs for Field Operations and Materials & Services		\$115.04
Interest on op.capital \$104 cash expense @ 8.5% 8 mo		5.87
Total Operating Costs and Use Related Depreciation		\$120.91

Overheads including accounting, liability insurance, vehicle cost, office expense		5.00
Management including scouting and crop insurance		16.36
Machinery taxes, housing, insurance & interest \$144 /acre @ 6.5%		9.34
Land real estate taxes and interest \$30 /acre 1.50 acres		45.00
Total Costs including overheads		\$196.61

Revenue		
Value of Production 90 Bu G Sorghum @ \$ /Bu		
Program Payment base x Bu HWY @ \$ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		

G Sorghum Pivot 800 GPM 35PSI
Conventional, Limited Irrigation
140 Bu/ac G Sorghum

6 Acre-inches

Budget 27
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
6 Row Crop Cult	0.25 ac	0.42	0.12	0.09	0.07	0.13	0.07	\$0.89	
7 Spray	0.25 ac	0.20	0.03	0.03	0.04	0.01	0.04	\$0.35	
8 Spray	Custom								
9 PivotD125'Lift	6 Al	2.00	13.03	2.02	1.89	2.88	7.30	\$29.12	
10 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	
11 Cart	140 bu	0.64	0.42	0.10	0.31	0.59	0.54	\$2.60	
12 Truck	Custom								
Total for Field operations		\$11.19	\$17.94	\$4.73	\$5.11	\$14.07	\$12.98	\$66.02	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	2	100%	150 lb N	0.20 /lb N	\$30.00
10-34-0 Fertilizer	4	100%	6 gal	1.30 /gal	\$7.80
Bicep II Magnum Herbicide	4	40%	2.1 qt	10.01 /qt	\$8.41
Kernel Guard Supreme Seed Trt	4	100%	0.21 oz	2.33 /oz	\$0.49
Sorghum Safened Seed	4	100%	6 lb	1.04 /lb	\$6.24
Peak Herbicide	7	50%	0.75 oz	11.31 /oz	\$4.24
Aerial Spray Custom	8	10%	1 ac	4.50 /ac	\$0.45
Lorsban 4 E Insecticide	8	10%	1.5 pt	4.19 /pt	\$0.63
Haul Grain bu Custom	12	100%	140 bu	0.08 /bu	\$11.20

Total Materials & Services **\$69.46**

Total listed costs for Field Operations and Materials & Services **\$135.48**

Interest on op.capital \$108 cash expense @ 8.5% 8 mo 6.14

Total Operating Costs and Use Related Depreciation **\$141.62**

Overheads including accounting, liability insurance, vehicle cost, office expense **6.00**

Management including scouting and crop insurance **24.88**

Machinery taxes, housing, insurance & interest \$208 /acre @ 6.5% **13.55**

Irrigation system taxes, insurance & interest \$201 /acre @ 6.0% **12.04**

Land real estate taxes and interest \$100 /acre 1.00 acres **100.00**

incl interest and depreciation on well

Total Costs including overheads **\$298.08**

Revenue

Value of Production 140 Bu G Sorghum @ \$ /Bu

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Budget 28
Year 2001

Net Revenue = Total Revenue - Total Costs including overheads =

Oats Dryland
Conventional

Budget 29
Year 2001

80 Bu/ac Oats

1.5 Tons/ac Oats Straw Times or

Field operations	Qty	Labor	Fuel & Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
2 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
3 Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	\$6.02	
4 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	
5 Truck	Custom								
6 Lg Rd Bale	1.5 ton	1.23	0.33	0.17	0.35	0.92	2.61	\$5.60	
7 Move Lg Rd	1.5 ton	1.34	0.50	0.17	0.02	0.92	0.08	\$3.01	
Total for Field operations		\$7.39	\$3.86	\$2.37	\$3.06	\$9.08	\$6.31	\$32.06	

Materials & Services

Materials & Services		Oper				Total	
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre	
28-0-0	Fertilizer	1	100%	85 lb N	0.26 /lb N	\$22.10	
10-34-0	Fertilizer	3	100%	6 gal	1.30 /gal	\$7.80	
Oats	Seed	3	100%	2 bu	5.25 /bu	\$10.50	
Haul Grain bu	Custom	5	100%	80 bu	0.08 /bu	\$6.40	
Twine Lg Rd	Other	6	100%	2 bale	0.48 /bale	\$0.96	

Total Materials & Services

\$47.76

Total listed costs for Field Operations and Materials & Services

\$79.82

Interest on op.capital \$64 cash expense @ 8.5% 8 mo

3.65

Total Operating Costs and Use Related Depreciation

\$83.47

Overheads including accounting, liability insurance, vehicle cost, office expense

3.00

Management including scouting and crop insurance

10.41

Machinery taxes, housing, insurance & interest \$204 /acre @ 6.5%

13.24

Land real estate taxes and interest

\$65 /acre 1.00 acres 65.00

Total Costs including overheads

\$175.11

Revenue

Value of Production 80 Bu Oats @ \$ /Bu

1.5 Tons Oats Straw @ \$ /Tons

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Soybeans Dryland
No-Till, Roundup Ready
40 Bu/ac Soybeans

Budget 30
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
2 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
3 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
4 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	_____
5 Spray	Custom								_____
6 Combine	1 ac	1.94	1.86	1.95	0.34	7.99	0.79	\$14.87	_____
7 Truck	Custom								_____
Total for Field operations		\$6.00	\$2.82	\$2.46	\$1.97	\$9.54	\$3.06	\$25.84	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
Roundup Ultra	Herbicide 1	100%	32 oz	0.31 /oz	\$9.92
21-0-0-26s	Spray Grade 1	100%	2 lb	0.17 /lb	\$0.34
Vitavax T-L	Seed Trt 2	100%	4.1 oz	0.28 /oz	\$1.15
RR Soybeans	Seed 2	100%	1.25 bag	23.00 /bag	\$28.75
21-0-0-26s	Spray Grade 3	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra	Herbicide 3	100%	32 oz	0.31 /oz	\$9.92
21-0-0-26s	Spray Grade 4	50%	2 lb	0.17 /lb	\$0.17
Roundup Ultra	Herbicide 4	50%	24 oz	0.31 /oz	\$3.72
Aerial Spray	Custom 5	20%	1 ac	4.50 /ac	\$0.90
Warrior T	Insecticide 5	20%	3.2 oz	2.16 /oz	\$1.38
Haul Grain bu	Custom 7	100%	40 bu	0.08 /bu	\$3.20
Total Materials & Services					\$59.79

Total listed costs for Field Operations and Materials & Services	\$85.63
Interest on op.capital \$73 cash expense @ 8.5% 8 mo	4.14
Total Operating Costs and Use Related Depreciation	\$89.77

Overheads including accounting, liability insurance, vehicle cost, office expense	5.00
Management including scouting and crop insurance	19.39
Machinery taxes, housing, insurance & interest \$144 /acre @ 6.5%	9.36
Land real estate taxes and interest \$65 /acre 1.00 acres	65.00
Total Costs including overheads	\$188.52

Revenue	
Value of Production 40 Bu Soybeans @ \$ _____ /Bu	_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%	_____
Total Revenue	_____
Net Revenue = Total Revenue - Total Costs including overheads =	_____

Soybeans Dryland
Conventional, Roundup Ready
35 Bu/ac Soybeans

Budget 31
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
3 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
4 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
5 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	
6 Spray	Custom								
7 Combine	1 ac	1.94	1.86	1.95	0.34	7.99	0.79	\$14.87	
8 Truck	Custom								
Total for Field operations		\$6.49	\$3.66	\$2.54	\$2.11	\$10.58	\$4.01	\$29.38	

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
Vitavax T-L	Seed Trt	3	100%	4.1 oz	0.28 /oz	\$1.15
RR Soybeans	Seed	3	100%	1.25 bag	23.00 /bag	\$28.75
21-0-0-26s	Spray Grade	4	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra	Herbicide	4	100%	32 oz	0.31 /oz	\$9.92
21-0-0-26s	Spray Grade	5	50%	2 lb	0.17 /lb	\$0.17
Roundup Ultra	Herbicide	5	50%	24 oz	0.31 /oz	\$3.72
Aerial Spray	Custom	6	20%	1 ac	4.50 /ac	\$0.90
Warrior T	Insecticide	6	20%	3.2 oz	2.16 /oz	\$1.38
Haul Grain bu	Custom	8	100%	35 bu	0.08 /bu	\$2.80

Total Materials & Services **\$49.13**

Total listed costs for Field Operations and Materials & Services **\$78.51**

Interest on op.capital \$64 cash expense @ 8.5% 8 mo 3.62

Total Operating Costs and Use Related Depreciation **\$82.13**

Overheads including accounting, liability insurance, vehicle cost, office expense **5.00**

Management including scouting and crop insurance **17.09**

Machinery taxes, housing, insurance & interest \$165 /acre @ 6.5% **10.73**

Land real estate taxes and interest \$65 /acre 1.00 acres **65.00**

Total Costs including overheads **\$179.95**

Revenue

Value of Production 35 Bu Soybeans @ \$ /Bu

@ \$ /

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Soybeans Pivot 800 GPM 35PSI
Conventional, Roundup Ready After Corn
55 Bu/ac Soybeans

8 Acre-inches

Budget 32
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	_____
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
3 Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	\$6.02	_____
4 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	_____
5 Spray	0.5 ac	0.41	0.07	0.05	0.08	0.02	0.08	\$0.70	_____
6 Spray	Custom								_____
7 PivotD125'Lift	8 Al	2.67	17.37	2.69	2.51	3.84	9.73	\$38.82	_____
8 Combine	1 ac	1.94	1.86	1.95	0.34	7.99	0.79	\$14.87	_____
9 Truck	Custom								_____
Total for Field operations		\$8.82	\$21.25	\$5.27	\$5.82	\$13.23	\$13.59	\$67.99	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
Vitavax T-L Seed Trt	3	100%	4.1 oz	0.28 /oz	\$1.15
RR Soybeans Seed	3	100%	1.25 bag	23.00 /bag	\$28.75
21-0-0-26s Spray Grade	4	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra Herbicide	4	100%	32 oz	0.31 /oz	\$9.92
21-0-0-26s Spray Grade	5	50%	2 lb	0.17 /lb	\$0.17
Roundup Ultra Herbicide	5	50%	24 oz	0.31 /oz	\$3.72
Aerial Spray Custom	6	20%	1 ac	4.50 /ac	\$0.90
Warrior T Insecticide	6	20%	3.2 oz	2.16 /oz	\$1.38
Haul Grain bu Custom	9	100%	55 bu	0.08 /bu	\$4.40
Total Materials & Services					\$50.73

Total listed costs for Field Operations and Materials & Services		\$118.72
Interest on op.capital \$92 cash expense @ 8.5% 8 mo		5.21
Total Operating Costs and Use Related Depreciation		\$123.93

Overheads including accounting, liability insurance, vehicle cost, office expense		5.00
Management including scouting and crop insurance		26.28
Machinery taxes, housing, insurance & interest \$162 /acre @ 6.5%		10.53
Irrigation system taxes, insurance & interest \$201 /acre @ 6.0%		12.04
Land real estate taxes and interest \$100 /acre 1.00 acres		100.00
incl interest and depreciation on well		
Total Costs including overheads		\$277.77

Revenue		
Value of Production 55 Bu Soybeans @ \$ _____ /Bu		_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%		_____
Total Revenue		_____
Net Revenue = Total Revenue - Total Costs including overheads =		_____

Soybeans Pivot 800 GPM 35PSI
Ridge-Till, After Corn
55 Bu/ac Soybeans

8 Acre-inches

Budget 33
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	0.2 ac	0.16	0.03	0.02	0.03	0.01	0.03	\$0.28	
2 Ridge Plant	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	
3 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
4 Ridge Cult	1 ac	1.68	0.82	0.24	0.56	1.34	0.53	\$5.17	
5 PivotD125' Lift	8 Al	2.67	17.37	2.69	2.51	3.84	9.73	\$38.82	
6 Weed	Labor								
7 Spray	Custom								
8 Combine	1 ac	1.94	1.86	1.95	0.34	7.99	0.79	\$14.87	
9 Truck	Custom								
Total for Field operations		\$10.16	\$21.53	\$5.40	\$5.25	\$15.97	\$13.48	\$71.80	

Materials & Services Item		Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
2,4-D Ester	Herbicide	1	20%	1.5 pt	1.78 /pt	\$0.53
Select 2EC	Herbicide	2	40%	7 oz	1.49 /oz	\$4.17
Oil Concentrate	Herbicide	2	40%	2 pt	0.56 /pt	\$0.45
Vitavax T-L	Seed Trt	2	100%	4.1 oz	0.28 /oz	\$1.15
Soybean	Seed	2	100%	1.25 bag	13.00 /bag	\$16.25
Rouging	Other	6	50%	1 ac	10.00 /ac	\$5.00
Aerial Spray	Custom	7	20%	1 ac	4.50 /ac	\$0.90
Warrior T	Insecticide	7	20%	3.2 oz	2.16 /oz	\$1.38
Haul Grain bu	Custom	9	100%	55 bu	0.08 /bu	\$4.40
Total Materials & Services						\$34.23

Total listed costs for Field Operations and Materials & Services		\$106.03
Interest on op.capital \$77 cash expense @ 8.5% 8 mo		4.34
Total Operating Costs and Use Related Depreciation		\$110.37

Overheads including accounting, liability insurance, vehicle cost, office expense		3.83
Management including scouting and crop insurance		26.28
Machinery taxes, housing, insurance & interest \$190 /acre @ 6.5%		12.35
Irrigation system taxes, insurance & interest \$201 /acre @ 6.0%		12.04
Land real estate taxes and interest \$100 /acre 1.00 acres		100.00
incl interest and depreciation on well		
Total Costs including overheads		\$264.86

Revenue		
Value of Production 55 Bu Soybeans @ \$ /Bu		
Program Payment base x Bu HWY @ \$ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		

Sugar Beets Canal Irrigated
Conventional
20 Tons/ac Sugar Beets

20 Acre-inches

Budget 34
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20	
2 Plow	1 ac	1.65	1.25	0.50	1.91	1.04	1.22	\$7.57	
3 Apply Nemat	Custom								
4 Roller Harrow	1 ac	1.38	0.49	0.21	0.41	0.09	0.55	\$3.12	
5 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
6 Hoe	1 ac	0.66	0.23	0.09	0.06	0.54	0.33	\$1.90	
7 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
8 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
9 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
10 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
11 Weed	Labor								
12 Ditch Irrig	20 AI	34.00						\$34.00	
13 Spray	Custom								
14 Top Beets	1 ac	1.88	0.68	0.48	1.17	0.89	2.63	\$7.74	
15 Lift Beets	1 ac	2.13	1.21	0.49	8.78	0.92	6.24	\$19.77	
16 Truck	Custom								
17 Subsoil	1 ac	1.32	1.00	0.51	0.14	1.05	0.96	\$4.98	
Total for Field operations		\$50.60	\$6.80	\$3.49	\$13.85	\$6.95	\$14.73	\$96.43	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
10-34-0 Fertilizer	1	100%	13.4 gal	1.30 /gal	\$17.42
28-0-0 Fertilizer	1	100%	105 lb N	0.26 /lb N	\$27.30
Nemat Application Custom	3	25%	1 ac	15.00 /ac	\$3.75
Telone Nemat Nematicide	3	25%	10 gal	10.50 /gal	\$26.25
Norton SC Herbicide	5	40%	3 pt	23.58 /pt	\$28.30
Counter 20 CR Insecticide	5	100%	7 lb	2.00 /lb	\$14.00
Sugar Beets Seed	5	100%	1 ac	39.23 /ac	\$39.23
Ro-Neet 6E Herbicide	8	100%	1.5 oz	1.30 /oz	\$1.95
Upbeet Herbicide	8	100%	0.17 oz	48.41 /oz	\$8.23
Ro-Neet 6E Herbicide	10	100%	1.5 oz	1.30 /oz	\$1.95
Upbeet Herbicide	10	100%	0.17 oz	48.41 /oz	\$8.23
Weeding Other	11	100%	1 ac	15.00 /ac	\$15.00
Water Charge Other	12	100%	1 ac	25.00 /ac	\$25.00
Aerial Spray Custom	13	100%	1 ac	4.50 /ac	\$4.50
Supertin Fungicide	13	100%	5 oz	0.12 /oz	\$0.60
Haul Beets Custom	16	100%	20 ton	3.00 /ton	\$60.00
Total Materials & Services					\$281.71

Total listed costs for Field Operations and Materials & Services	\$378.14
Interest on op.capital \$356 cash expense @ 8.5% 8 mo	20.20
Total Operating Costs and Use Related Depreciation	\$398.34

Overheads including accounting, liability insurance, vehicle cost, office expense	22.00
Management including scouting and crop insurance	58.62
Machinery taxes, housing, insurance & interest \$311 /acre @ 6.5%	20.20
Irrigation system taxes, insurance & interest /acre @ 6.0%	
Land real estate taxes and interest \$100 /acre 1.00 acres	100.00
incl interest and depreciation on well	
Total Costs including overheads	\$599.16

Revenue	
Value of Production 20 Tons Sugar Beets @ \$ /Tons	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	
Net Revenue = Total Revenue - Total Costs including overheads =	

Sugar Beets Pivot 800 GPM 35PSI
One Pass Tillage
20 Tons/ac Sugar Beets

16 Acre-inches

Budget 35
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	
2 Spread,Fert.	1 ac	0.78	0.28	0.10	Incl	0.04	Incl	\$1.20	
3 Disk ripper	1 ac	1.58	1.35	0.61	0.50	1.26	2.90	\$8.20	
4 Plant	1 ac	1.82	0.46	0.23	0.50	1.30	1.92	\$6.23	
5 Hoe	1 ac	0.66	0.23	0.09	0.06	0.54	0.33	\$1.90	
6 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
7 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
8 Row Crop Cult	1 ac	1.68	0.47	0.34	0.29	0.50	0.28	\$3.56	
9 Spray	1 ac	0.81	0.13	0.10	0.15	0.04	0.16	\$1.39	
10 Weed	Labor								
11 PivotD125'Lift	16 Al	5.33	34.75	5.39	5.03	7.69	19.46	\$77.64	
12 Spray	Custom								
13 Top Beets	1 ac	1.88	0.68	0.48	1.17	0.89	2.63	\$7.74	
14 Lift Beets	1 ac	2.13	1.21	0.49	8.78	0.92	6.24	\$19.77	
15 Truck	Custom								
16 Subsoil	1 ac	1.32	1.00	0.51	0.14	1.05	0.96	\$4.98	
Total for Field operations		\$21.48	\$41.92	\$8.92	\$17.82	\$15.59	\$36.11	\$141.83	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
10-34-0 Fertilizer	2	100%	13.4 gal	1.30 /gal	\$17.42
28-0-0 Fertilizer	2	100%	105 lb N	0.26 /lb N	\$27.30
Nortron SC Herbicide	4	40%	3 pt	23.58 /pt	\$28.30
Counter 20 CR Insecticide	4	100%	7 lb	2.00 /lb	\$14.00
Sugar Beets Seed	4	100%	1 ac	39.23 /ac	\$39.23
Ro-Neet 6E Herbicide	7	100%	1.5 oz	1.30 /oz	\$1.95
Upbeet Herbicide	7	100%	0.17 oz	48.41 /oz	\$8.23
Ro-Neet 6E Herbicide	9	100%	1.5 oz	1.30 /oz	\$1.95
Upbeet Herbicide	9	100%	0.17 oz	48.41 /oz	\$8.23
Weeding Other	10	100%	1 ac	15.00 /ac	\$15.00
Aerial Spray Custom	12	100%	1 ac	4.50 /ac	\$4.50
Supertin Fungicide	12	100%	5 oz	0.12 /oz	\$0.60
Haul Beets Custom	15	100%	20 ton	3.00 /ton	\$60.00

Total Materials & Services **\$226.71**

Total listed costs for Field Operations and Materials & Services **\$368.54**

Interest on op.capital \$317 cash expense @ 8.5% 8 mo 17.95

Total Operating Costs and Use Related Depreciation **\$386.49**

Overheads including accounting, liability insurance, vehicle cost, office expense **22.00**

Management including scouting and crop insurance **58.62**

Machinery taxes, housing, insurance & interest \$347 /acre @ 6.5% **22.53**

Irrigation system taxes, insurance & interest \$201 /acre @ 6.0% **12.04**

Land real estate taxes and interest \$100 /acre 1.00 acres **100.00**

incl interest and depreciation on well

Total Costs including overheads **\$601.68**

Revenue

Value of Production 20 Tons Sugar Beets @ \$ /Tons

Program Payment base x Bu HWY @ \$ /bu x 85%

Total Revenue

Net Revenue = Total Revenue - Total Costs including overheads =

Sunflower Dryland
No-Till, Following Corn or Grain Sorghum
13 Cwt/ac Sunflower

Budget 36
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
2 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
3 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
4 Spray	0.3 ac	0.24	0.04	0.03	0.05	0.01	0.05	\$0.42	_____
5 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
6 Truck	Custom								_____

Total for Field operations \$4.77 \$2.35 \$1.94 \$1.63 \$7.78 \$3.02 **\$21.49** _____

Materials & Services	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
21-0-0-26s Spray Grade	1	100%	2 lb	0.17 /lb	\$0.34
Prowl 3.3EC Herbicide	1	100%	2 pt	2.86 /pt	\$5.72
Landmaster BW Herbicide	1	100%	40 oz	0.15 /oz	\$6.00
28-0-0 Fertilizer	1	100%	50 lb N	0.26 /lb N	\$13.00
21-0-0-26s Spray Grade	2	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra Herbicide	2	100%	16 oz	0.31 /oz	\$4.96
Prowl 3.3EC Herbicide	2	100%	1.6 pt	2.86 /pt	\$4.58
Sunflower Seed	3	100%	5 lb	2.10 /lb	\$10.50
Aerial Spray Custom	4	30%	1 ac	4.50 /ac	\$1.35
Warrior T Insecticide	4	30%	3.2 oz	2.16 /oz	\$2.07
Haul Grain cwt Custom	6	100%	13 cwt	0.14 /cwt	\$1.82

Total Materials & Services **\$50.68** _____

Total listed costs for Field Operations and Materials & Services **\$72.17** _____

Interest on op.capital \$61 cash expense @ 8.5% 8 mo 3.48 _____

Total Operating Costs and Use Related Depreciation **\$75.65** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **4.00** _____

Management including scouting and crop insurance **9.34** _____

Machinery taxes, housing, insurance & interest \$126 /acre @ 6.5% **8.18** _____

Land real estate taxes and interest \$30 /acre 1.00 acres **30.00** _____

Total Costs including overheads **\$127.16** _____

Revenue

Value of Production 13 Cwt Sunflower @ \$ _____ /Cwt _____

Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85% _____

Total Revenue _____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Sunflower Dryland
Ecofallow, After Wheat, 2 Crops in 3 Yr
15 Cwt/ac Sunflower

Budget 37
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
2 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
3 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
4 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
5 Plant No-Till	1 ac	2.03	0.63	0.26	1.25	1.45	1.86	\$7.48	_____
6 Spray	Custom								_____
7 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
8 Truck	Custom								_____
Total for Field operations		\$5.51	\$2.53	\$2.03	\$1.82	\$7.82	\$3.16	\$22.87	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
21-0-0-26s Spray Grade	1	100%	2 lb	0.17 /lb	\$0.34
Landmaster BW Herbicide	1	100%	54 oz	0.15 /oz	\$8.10
21-0-0-26s Spray Grade	2	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra Herbicide	2	100%	32 oz	0.31 /oz	\$9.92
21-0-0-26s Spray Grade	3	100%	2 lb	0.17 /lb	\$0.34
28-0-0 Fertilizer	3	100%	60 lb N	0.26 /lb N	\$15.60
Prowl 3.3EC Herbicide	3	100%	2 pt	2.86 /pt	\$5.72
Landmaster BW Herbicide	3	100%	40 oz	0.15 /oz	\$6.00
21-0-0-26s Spray Grade	4	100%	2 lb	0.17 /lb	\$0.34
Roundup Ultra Herbicide	4	100%	16 oz	0.31 /oz	\$4.96
Prowl 3.3EC Herbicide	4	100%	1.6 pt	2.86 /pt	\$4.58
Sunflower Seed	5	100%	5 lb	2.10 /lb	\$10.50
Aerial Spray Custom	6	30%	1 ac	4.50 /ac	\$1.35
Warrior T Insecticide	6	30%	3.2 oz	2.16 /oz	\$2.07
Haul Grain cwt Custom	8	100%	15 cwt	0.14 /cwt	\$2.10
Total Materials & Services					\$72.26

Total listed costs for Field Operations and Materials & Services	\$95.13
Interest on op.capital \$84 cash expense @ 8.5% 8 mo	4.77
Total Operating Costs and Use Related Depreciation	\$99.90

Overheads including accounting, liability insurance, vehicle cost, office expense	4.00
Management including scouting and crop insurance	10.62
Machinery taxes, housing, insurance & interest \$130 /acre @ 6.5%	8.45
Land real estate taxes and interest \$30 /acre 1.50 acres	45.00
Total Costs including overheads	\$167.98

Revenue	
Value of Production 15 Cwt Sunflower @ \$ _____ /Cwt	_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%	_____
Total Revenue	_____
Net Revenue = Total Revenue - Total Costs including overheads =	_____

Wheat Dryland
No-Till After Row Crop
35 Bu/ac Wheat

Budget 38
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 No-Till Drill	1 ac	1.59	0.90	0.21	2.08	1.18	1.88	\$7.85	_____
2 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
3 Spray	Custom								_____
4 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
5 Truck	Custom								_____
Total for Field operations		\$3.60	\$2.47	\$1.80	\$2.29	\$7.48	\$2.89	\$20.53	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre	
10-34-0 Fertilizer	1	100%	8 gal	1.30 /gal	\$10.40	_____
Wheat Seed	1	100%	90 lb	0.12 /lb	\$10.80	_____
28-0-0 Fertilizer	2	100%	80 lb N	0.26 /lb N	\$20.80	_____
Ally Herbicide	2	100%	0.1 oz	23.56 /oz	\$2.36	_____
2,4-D Ester Herbicide	2	100%	1 pt	1.78 /pt	\$1.78	_____
Aerial Spray Custom	3	20%	1 ac	4.50 /ac	\$0.90	_____
Lorsban 4 E Insecticide	3	20%	1.5 pt	4.19 /pt	\$1.26	_____
Haul Grain bu Custom	5	100%	35 bu	0.08 /bu	\$2.80	_____
Total Materials & Services					\$51.10	_____

Total listed costs for Field Operations and Materials & Services		\$71.63	_____
Interest on op.capital \$61 cash expense @ 8.5% 8 mo		3.47	_____
Total Operating Costs and Use Related Depreciation		\$75.10	_____

Overheads including accounting, liability insurance, vehicle cost, office expense		3.00	_____
Management including scouting and crop insurance		9.98	_____
Machinery taxes, housing, insurance & interest \$127 /acre @ 6.5%		8.24	_____

Land real estate taxes and interest \$65 /acre 1.00 acres		65.00	_____
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Total Costs including overheads		\$161.32	_____
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Revenue			
Value of Production 35 Bu Wheat @ \$ _____ /Bu			_____
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%			_____
Total Revenue			_____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Wheat Dryland
Stubble Mulch Fallow, 1 Crop in 2 Yr
45 Bu/ac Wheat

Budget 39
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Chisel	1 ac	0.98	0.75	0.14	0.45	0.80	0.60	\$3.72	_____
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
4 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
5 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
6 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
7 Anhy Apply(attach)	1 ac	0.16			0.10		0.10	\$0.36	_____
8 Drill	1 ac	0.68	0.47	0.09	1.13	0.51	1.42	\$4.30	_____
9 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
10 Spray	Custom								_____
11 Combine	1 ac	0.97	1.16	1.16	0.16	4.73	0.69	\$8.87	_____
12 Truck	Custom								_____
Total for Field operations		\$6.47	\$4.45	\$2.08	\$3.80	\$8.06	\$5.58	\$30.44	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	7	100%	50 lb N	0.20 /lb N	\$10.00
10-34-0 Fertilizer	8	100%	8 gal	1.30 /gal	\$10.40
Wheat Seed	8	100%	60 lb	0.12 /lb	\$7.20
2,4-D Ester Herbicide	9	100%	1 pt	1.78 /pt	\$1.78
Ally Herbicide	9	100%	0.1 oz	23.56 /oz	\$2.36
Aerial Spray	Custom	10	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	10	20%	1.5 pt	4.19 /pt	\$1.26
Haul Grain bu	Custom	12	45 bu	0.08 /bu	\$3.60

Total Materials & Services **\$37.50** _____

Total listed costs for Field Operations and Materials & Services **\$67.94** _____

Interest on op.capital \$54 cash expense @ 8.5% 8 mo 3.08 _____

Total Operating Costs and Use Related Depreciation **\$71.02** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **3.00** _____

Management including scouting and crop insurance **12.54** _____

Machinery taxes, housing, insurance & interest \$184 /acre @ 6.5% **11.96** _____

Land real estate taxes and interest \$30 /acre 2.00 acres **60.00** _____

Total Costs including overheads **\$158.53** _____

Revenue

Value of Production 45 Bu Wheat @ \$ _____/Bu _____

@ \$ _____/ _____

Program Payment _____ base x _____ Bu HWY @ \$ _____/bu x 85% _____

Total Revenue _____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Wheat Dryland
Clean-Till Fallow, 1 Crop in 2 Yr
40 Bu/ac Wheat

Budget 40
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Repairs Imp	Deprec Pwr	Deprec Imp	Total	Your Estimate
1 Disc	1 ac	1.00	0.76	0.14	0.76	0.81	0.78	\$4.25	_____
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
3 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
4 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	_____
5 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
6 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
7 Anhy Apply(attach)	1 ac	0.27			0.10		0.10	\$0.47	_____
8 Drill	1 ac	0.68	0.47	0.09	1.13	0.51	1.42	\$4.30	_____
9 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
10 Spray	Custom								_____
11 Combine	1 ac	0.97	1.16	1.16	0.16	4.73	0.69	\$8.87	_____
12 Truck	Custom								_____
Total for Field operations		\$6.60	\$4.46	\$2.08	\$4.11	\$8.07	\$5.77	\$31.09	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	7	100%	60 lb N	0.20 /lb N	\$12.00
10-34-0 Fertilizer	8	100%	8 gal	1.30 /gal	\$10.40
Wheat Seed	8	100%	60 lb	0.12 /lb	\$7.20
2,4-D Ester Herbicide	9	100%	1 pt	1.78 /pt	\$1.78
Ally Herbicide	9	100%	0.1 oz	23.56 /oz	\$2.36
Aerial Spray Custom	10	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	10	20%	1.5 pt	4.19 /pt	\$1.26
Haul Grain bu Custom	12	100%	40 bu	0.08 /bu	\$3.20

Total Materials & Services **\$39.10** _____

Total listed costs for Field Operations and Materials & Services **\$70.19** _____

Interest on op.capital \$56 cash expense @ 8.5% 8 mo 3.19
Total Operating Costs and Use Related Depreciation **\$73.38** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **3.00** _____

Management including scouting and crop insurance **11.26** _____

Machinery taxes, housing, insurance & interest \$183 /acre @ 6.5% **11.90** _____

Land real estate taxes and interest \$30 /acre 2.00 acres **60.00** _____

Total Costs including overheads **\$159.54** _____

Revenue
Value of Production 40 Bu Wheat @ \$ _____/Bu
@ \$ _____/
Program Payment _____ base x _____ Bu HWY @ \$ _____/bu x 85%
Total Revenue _____
Net Revenue = Total Revenue - Total Costs including overheads = _____

Wheat Dryland
 Ecofallow Wheat before corn, 2 Crops in 3 Yr
 48 Bu/ac Wheat

Budget 41
 Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
2 Fallow Master	1 ac	0.51	0.41	0.19	0.32	0.40	0.69	\$2.52	_____
3 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
4 Rod Weeder	1 ac	0.83	0.41	0.21	0.50	0.39	0.92	\$3.26	_____
5 Anhy Apply(attach)	1 ac	0.16			0.10		0.10	\$0.36	_____
6 Drill	1 ac	0.68	0.47	0.09	1.13	0.51	1.42	\$4.30	_____
7 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	_____
8 Spray	Custom								_____
9 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	_____
10 Truck	Custom								_____
Total for Field operations		\$5.51	\$3.38	\$2.35	\$2.88	\$8.00	\$5.15	\$27.27	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
21-0-0-26s Spray Grade	1	100%	2 lb	0.17 /lb	\$0.34
Landmaster BW Herbicide	1	100%	54 oz	0.15 /oz	\$8.10
82-0-0 Fertilizer	5	100%	70 lb N	0.20 /lb N	\$14.00
10-34-0 Fertilizer	6	100%	8 gal	1.30 /gal	\$10.40
Wheat Seed	6	100%	60 lb	0.12 /lb	\$7.20
Ally Herbicide	7	100%	0.1 oz	23.56 /oz	\$2.36
2,4-D Ester Herbicide	7	100%	1 pt	1.78 /pt	\$1.78
Aerial Spray Custom	8	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	8	20%	1.5 pt	4.19 /pt	\$1.26
Haul Grain bu Custom	10	100%	48 bu	0.08 /bu	\$3.84

Total Materials & Services **\$50.18** _____

Total listed costs for Field Operations and Materials & Services **\$77.45** _____

Interest on op.capital \$64 cash expense @ 8.5% 8 mo 3.64 _____

Total Operating Costs and Use Related Depreciation **\$81.09** _____

Overheads including accounting, liability insurance, vehicle cost, office expense **3.00** _____

Management including scouting and crop insurance **13.31** _____

Machinery taxes, housing, insurance & interest \$166 /acre @ 6.5% **10.82** _____

Land real estate taxes and interest \$30 /acre 1.50 acres **45.00** _____

Total Costs including overheads **\$153.22** _____

Revenue

Value of Production 48 Bu Wheat @ \$ _____/Bu _____

@ \$ _____/ _____

Program Payment _____ base x _____ Bu HWY @ \$ _____/bu x 85% _____

Total Revenue _____

Net Revenue = Total Revenue - Total Costs including overheads = _____

Wheat Pivot 800 GPM 35PSI
Conventional, After Soybeans
80 Bu/ac Wheat

8 Acre-inches

Budget 42
Year 2001

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Anhy Apply	1 ac	1.39	0.81	0.19	0.89	1.16	0.87	\$5.31	
2 Field Cult	1 ac	0.51	0.38	0.07	0.28	0.41	0.28	\$1.93	
3 Drill	1 ac	1.49	0.68	0.27	1.70	0.11	1.77	\$6.02	
4 PivotD125'Lift	8 Al	2.67	17.37	2.69	2.51	3.84	9.73	\$38.82	
5 Spray	1 ac	0.49	0.11	0.06	0.12	0.02	0.10	\$0.90	
6 Spray	Custom								
7 Spray	Custom								
8 Combine	1 ac	1.52	1.46	1.53	0.09	6.27	0.91	\$11.78	
9 Truck	Custom								
Total for Field operations		\$8.07	\$20.81	\$4.81	\$5.59	\$11.82	\$13.66	\$64.77	

Materials & Services	Oper	Acres	Quantity/ac	Price\$/unit	Total \$/acre
Item	#				
82-0-0 Fertilizer	1	100%	160 lb N	0.20 /lb N	\$32.00
10-34-0 Fertilizer	3	100%	8 gal	1.30 /gal	\$10.40
Wheat Seed	3	100%	120 lb	0.12 /lb	\$14.40
2,4-D Ester Herbicide	5	100%	1 pt	1.78 /pt	\$1.78
Ally Herbicide	5	100%	0.1 oz	23.56 /oz	\$2.36
Aerial Spray Custom	6	100%	1 ac	4.50 /ac	\$4.50
Tilt Fungicide	6	100%	4 oz	2.55 /oz	\$10.20
Aerial Spray Custom	7	20%	1 ac	4.50 /ac	\$0.90
Lorsban 4 E Insecticide	7	20%	1.5 pt	4.19 /pt	\$1.26
Haul Grain bu Custom	9	100%	80 bu	0.08 /bu	\$6.40
Total Materials & Services					\$84.20

Total listed costs for Field Operations and Materials & Services		\$148.97
Interest on op.capital \$123 cash expense @ 8.5% 8 mo		7.00
Total Operating Costs and Use Related Depreciation		\$155.97

Overheads including accounting, liability insurance, vehicle cost, office expense		6.00
Management including scouting and crop insurance		21.50
Machinery taxes, housing, insurance & interest \$149 /acre @ 6.5%		9.70
Irrigation system taxes, insurance & interest \$201 /acre @ 6.0%		12.04
Land real estate taxes and interest \$100 /acre 1.00 acres		100.00
incl interest and depreciation on well		
Total Costs including overheads		\$305.20

Revenue		
Value of Production 80 Bu Wheat @ \$ /Bu		
Program Payment base x Bu HWY @ \$ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		